

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005156.D
 Acq On : 06 Sep 2018 12:00
 Operator : SY/AP
 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Manual Integrations
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 9/7/2018 12:29:07 PM

Quant Time: Sep 06 14:04:36 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	559584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	793648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	780816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	425463	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	224798	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	7.89	113	219089	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.33	98	1055197	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	386934	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	105126	23.31	ug/l	100
3) Chloromethane	2.21	50	152266	23.27	ug/l	98
4) Vinyl Chloride	2.35	62	147247	23.14	ug/l	98
5) Bromomethane	2.76	94	85470	19.01	ug/l	97
6) Chloroethane	2.91	64	83340	21.04	ug/l	100
7) Trichlorofluoromethane	3.26	101	161534	22.57	ug/l	97
8) Diethyl Ether	3.69	74	54515	21.05	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109767	22.32	ug/l	98
10) Methyl Iodide	4.27	142	87065	14.76	ug/l	99
11) Tert butyl alcohol	5.20	59	40197	152.35	ug/l	96
12) 1,1-Dichloroethene	4.04	96	97454	21.54	ug/l	97
13) Acrolein	3.90	56	32548	108.10	ug/l	99
14) Allyl chloride	4.67	41	153477	21.70	ug/l	98
15) Acrylonitrile	5.38	53	121836	111.53	ug/l	99
16) Acetone	4.14	43	112688	121.13	ug/l	94
17) Carbon Disulfide	4.38	76	350866	22.25	ug/l	98
18) Methyl Acetate	4.68	43	54654	19.97	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	244013	22.21	ug/l	100
20) Methylene Chloride	4.92	84	166064	24.43	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	114522	20.77	ug/l	97
22) Diisopropyl ether	6.32	45	331103	22.25	ug/l	98
23) Vinyl Acetate	6.26	43	929752	118.92	ug/l	99
24) 1,1-Dichloroethane	6.22	63	195997	21.07	ug/l	99
25) 2-Butanone	7.18	43	184968	114.63	ug/l	96
26) 2,2-Dichloropropane	7.17	77	173051	22.64	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	122745	20.35	ug/l	96
28) Bromochloromethane	7.52	49	77202	20.62	ug/l	97
29) Tetrahydrofuran	7.54	42	93709	113.66	ug/l	97
30) Chloroform	7.68	83	193521	20.38	ug/l	95
31) Cyclohexane	7.96	56	208757	22.91	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	173404	20.97	ug/l	99
36) 1,1-Dichloropropene	8.09	75	171201	22.65	ug/l	99
37) Ethyl Acetate	7.26	43	70563	24.96	ug/l	98
38) Carbon Tetrachloride	8.07	117	154366	21.48	ug/l	98

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 ClientSampleId :
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Quant Time: Sep 06 14:04:36 2018
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 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205422	22.47	ug/l	98
40) Benzene	8.33	78	491514	21.24	ug/l	97
41) Methacrylonitrile	7.49	41	39358	24.03	ug/l	98
42) 1,2-Dichloroethane	8.40	62	120363	21.25	ug/l	99
43) Isopropyl Acetate	8.43	43	122980	23.91	ug/l	99
44) Trichloroethene	9.10	130	132215	21.18	ug/l	100
45) 1,2-Dichloropropane	9.37	63	123492	21.85	ug/l	100
46) Dibromomethane	9.46	93	56444	20.88	ug/l	97
47) Bromodichloromethane	9.65	83	141804	20.83	ug/l	97
48) Methyl methacrylate	9.44	41	56117	22.66	ug/l	95
49) 1,4-Dioxane	9.47	88	19337	442.37	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	413580	119.97	ug/l	100
52) Toluene	10.39	92	335154	21.38	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	146761	21.94	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	181659	22.33	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	90713	21.68	ug/l	95
56) Ethyl methacrylate	10.65	69	108379	22.70	ug/l	98
57) 1,3-Dichloropropane	10.94	76	151711	22.02	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	254733	112.59	ug/l	98
59) 2-Hexanone	10.98	43	293103	125.70	ug/l	99
60) Dibromochloromethane	11.13	129	98392	20.80	ug/l	100
61) 1,2-Dibromoethane	11.24	107	80757	21.37	ug/l	98
64) Tetrachloroethene	10.87	164	119953	19.58	ug/l	98
65) Chlorobenzene	11.66	112	363901	20.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	110856	20.64	ug/l	100
67) Ethyl Benzene	11.74	91	635660	21.39	ug/l	100
68) m/p-Xylenes	11.85	106	516848	43.44	ug/l	99
69) o-Xylene	12.17	106	235276	21.39	ug/l	100
70) Styrene	12.19	104	394027	21.68	ug/l	100
71) Bromoform	12.35	173	58484	20.54	ug/l	99
73) Isopropylbenzene	12.47	105	641797	21.39	ug/l	100
74) N-amyl acetate	12.28	43	121926	23.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	100922	22.10	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	68443m	21.43	ug/l	
77) Bromobenzene	12.76	156	149259	20.19	ug/l	95
78) n-propylbenzene	12.81	91	795902	21.98	ug/l	99
79) 2-Chlorotoluene	12.90	91	449367	21.27	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	554733	21.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29907	22.54	ug/l	98
82) 4-Chlorotoluene	12.99	91	476032	21.34	ug/l	99
83) tert-Butylbenzene	13.21	119	462322	21.34	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	562473	21.29	ug/l	99
85) sec-Butylbenzene	13.39	105	688324	21.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	613346	21.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	310562	20.45	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306221	20.33	ug/l	98
89) n-Butylbenzene	13.83	91	572952	21.94	ug/l	99
90) Hexachloroethane	14.10	117	95938	20.49	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	277325	20.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15627	21.90	ug/l	94

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VW0906SBS01

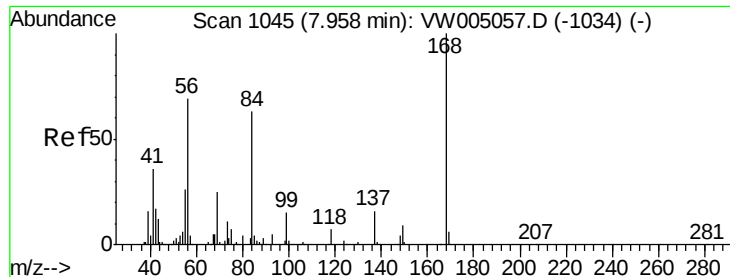
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185377	20.89	ug/l	99
94) Hexachlorobutadiene	15.25	225	118016	21.38	ug/l	100
95) Naphthalene	15.38	128	297430	21.83	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	162275	21.37	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

Tot Ion:168 Resp: 559584

Ion Ratio Lower Upper

168 100

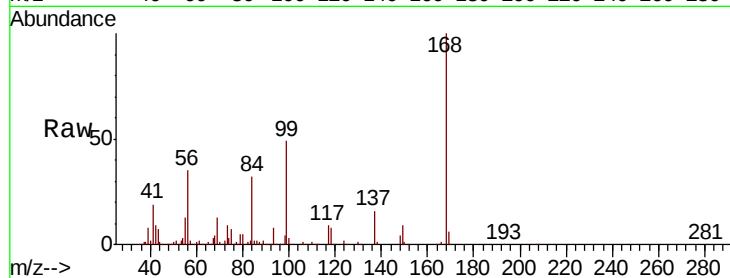
99 48.9 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

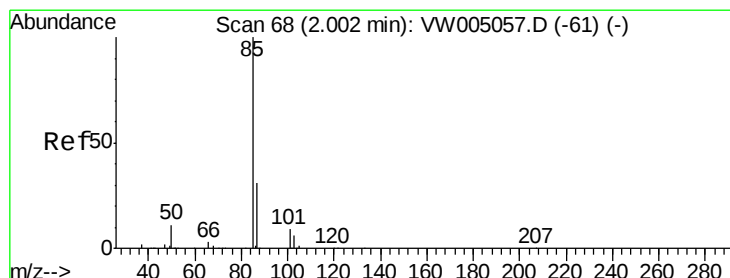
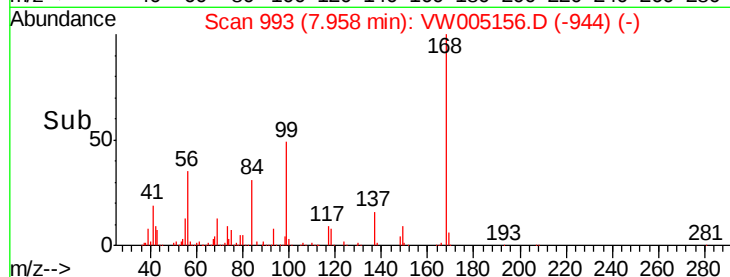
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.31 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005156.D

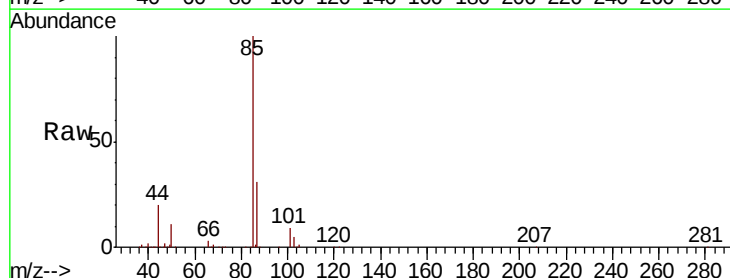
Acq: 06 Sep 2018 12:00

Tgt Ion: 85 Resp: 105126

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

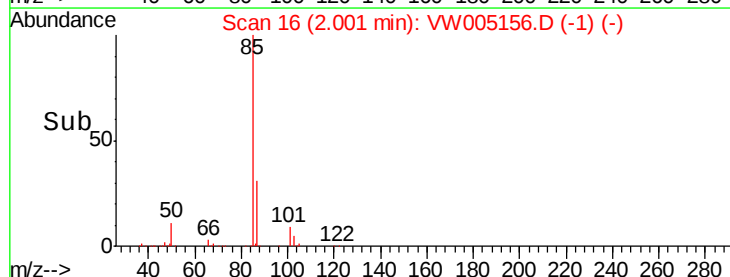
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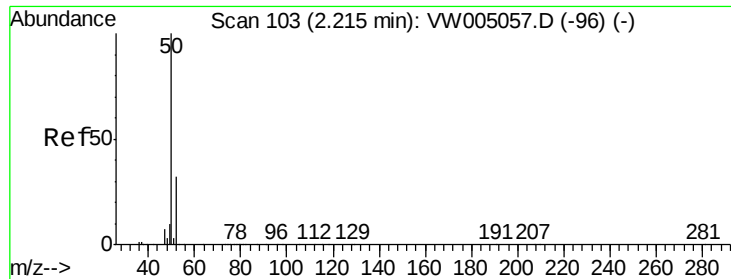
40000

20000

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Time-->





#3

Chloromethane

Concen: 23.27 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

Tot Ion: 50 Resp: 152266

Ion Ratio Lower Upper

50 100

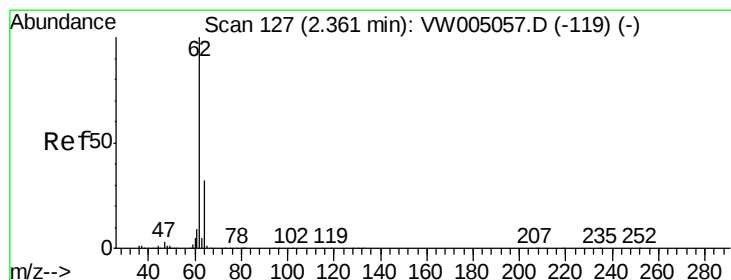
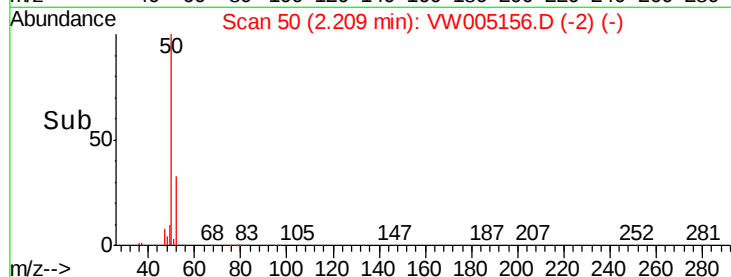
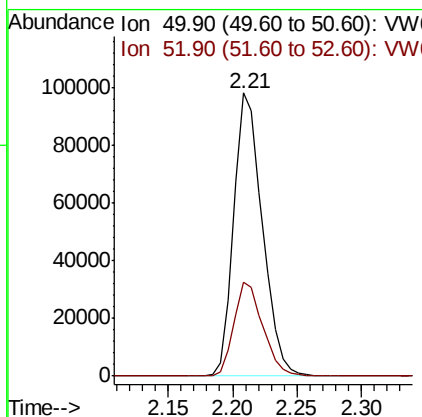
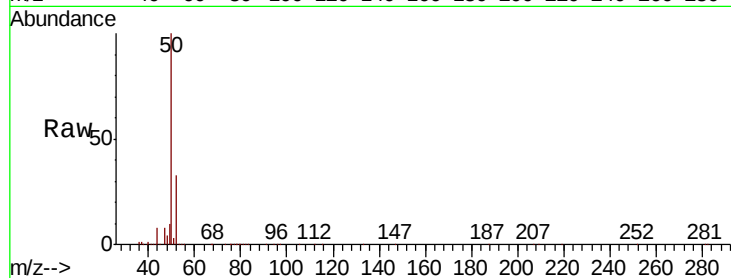
52 33.1 25.8 38.6

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#4

Vinyl Chloride

Concen: 23.14 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005156.D

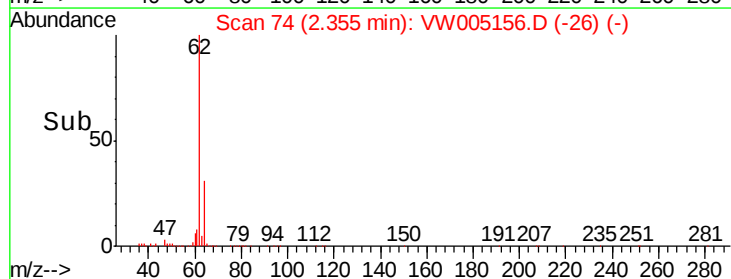
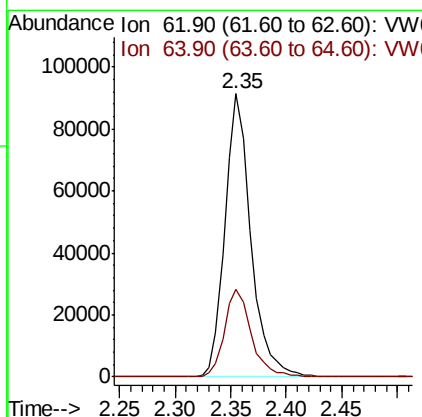
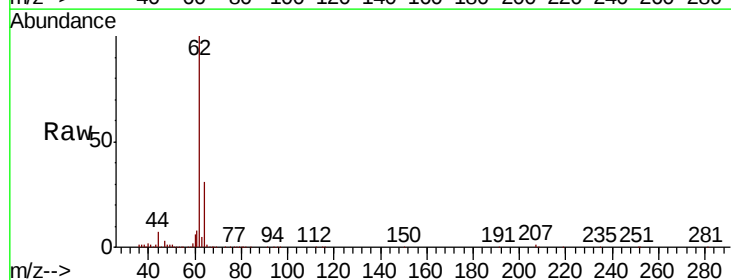
Acq: 06 Sep 2018 12:00

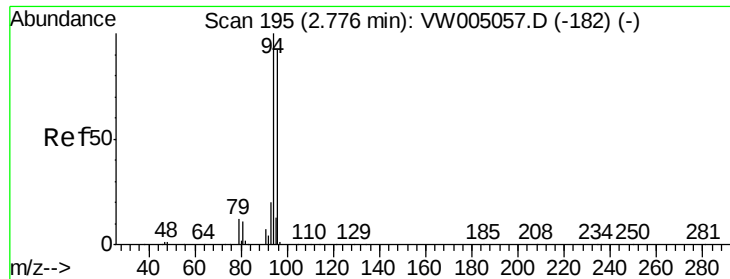
Tgt Ion: 62 Resp: 147247

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4





#5

Bromomethane

Concen: 19.01 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 94 Resp: 85470

Ion Ratio Lower Upper

94 100

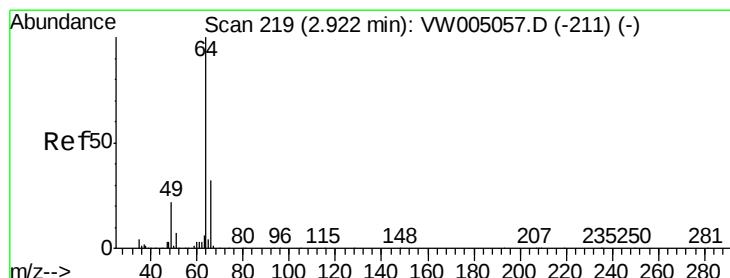
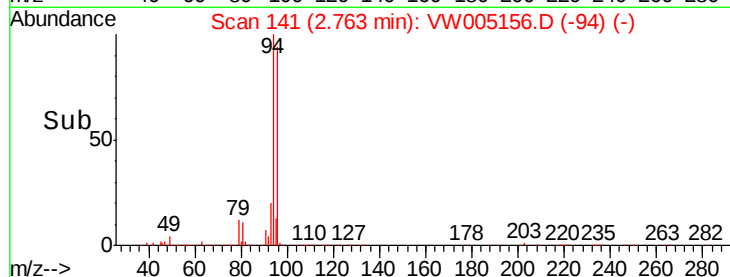
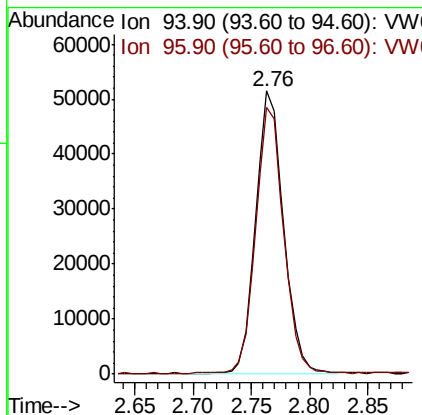
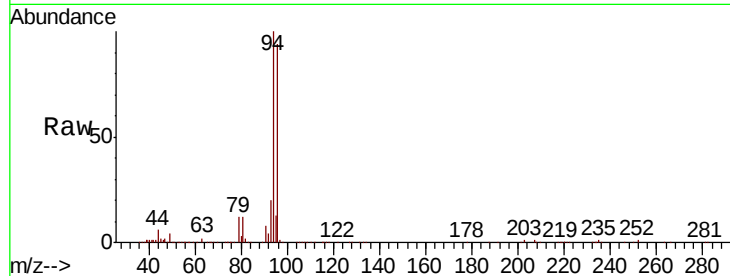
96 94.2 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 21.04 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005156.D

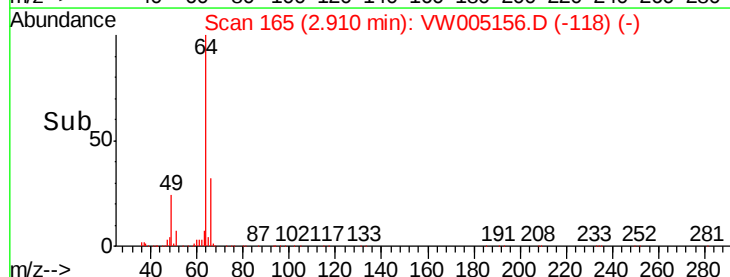
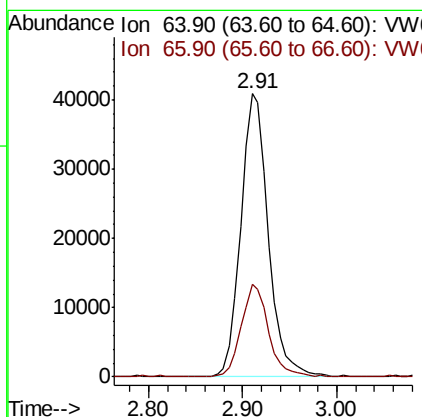
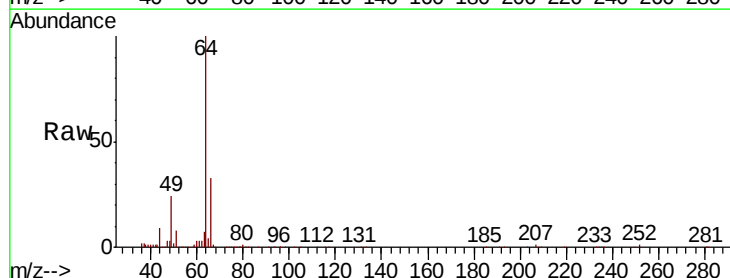
Acq: 06 Sep 2018 12:00

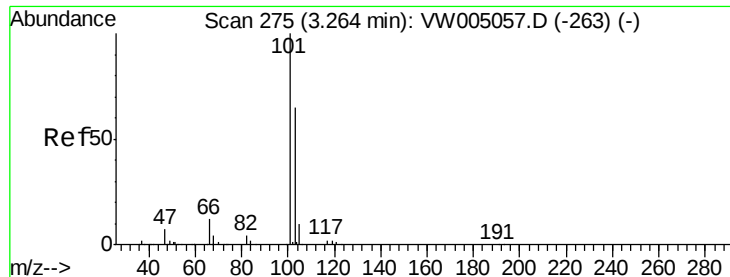
Tgt Ion: 64 Resp: 83340

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5





#7

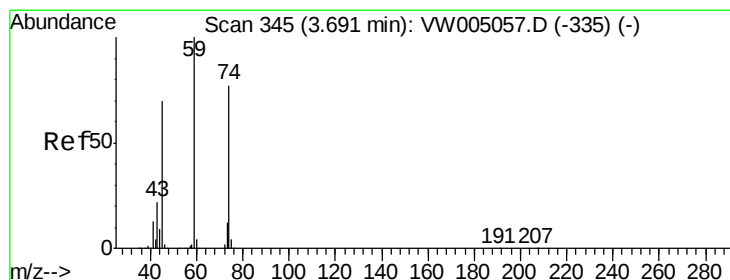
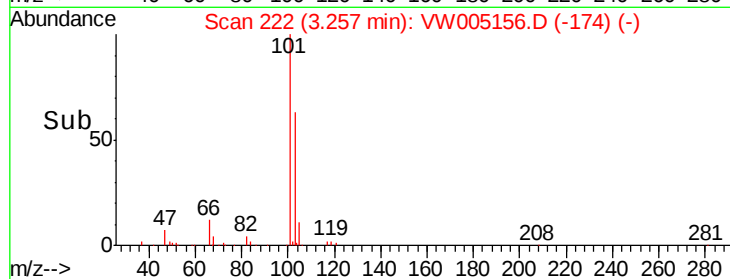
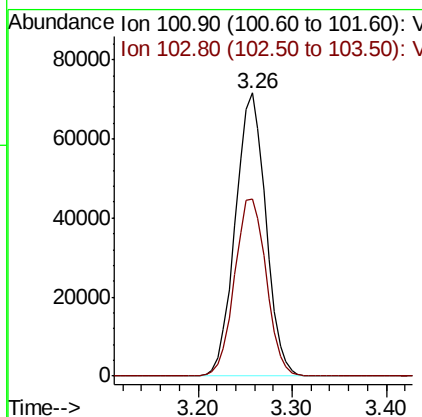
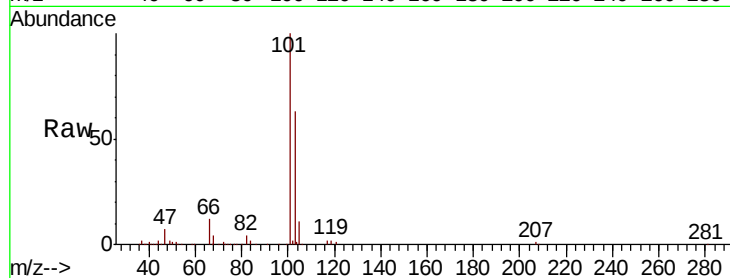
Trichlorofluoromethane
 Concen: 22.57 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

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 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.9	77.9

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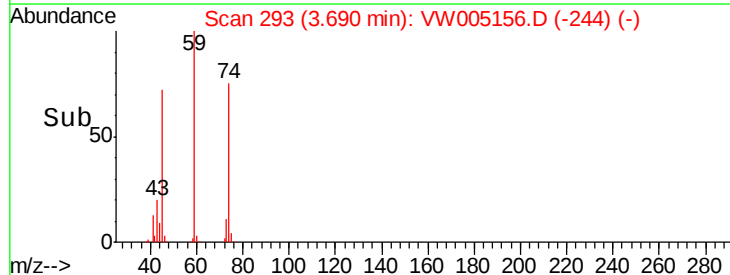
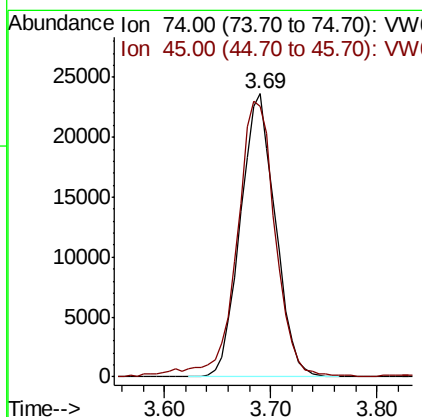
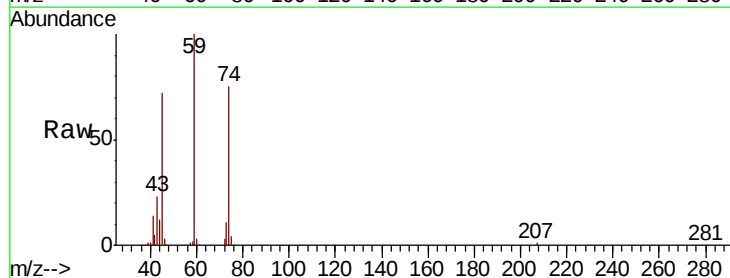
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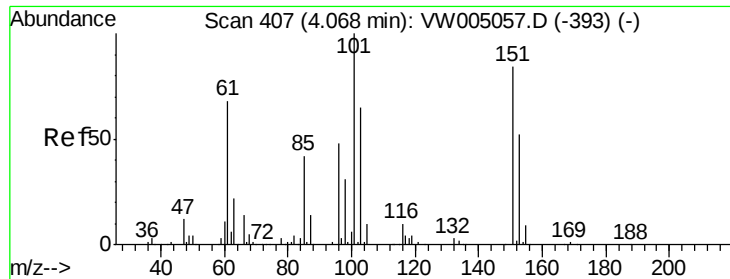


#8

Diethyl Ether
 Concen: 21.05 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.8	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.32 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

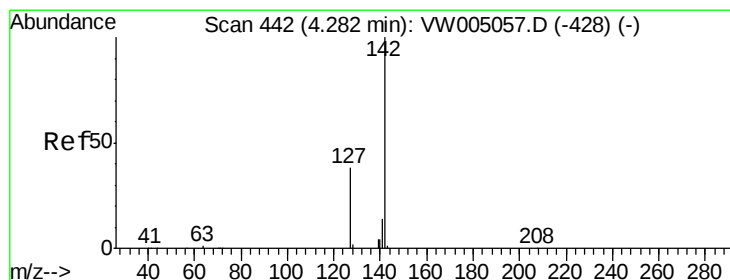
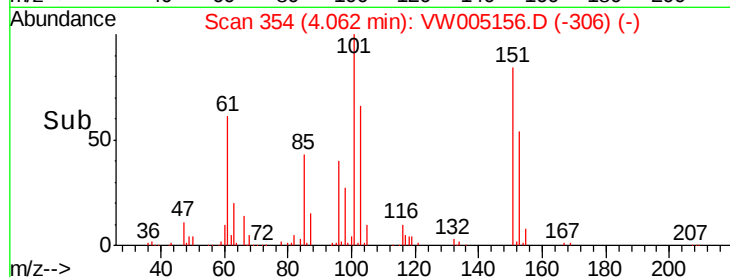
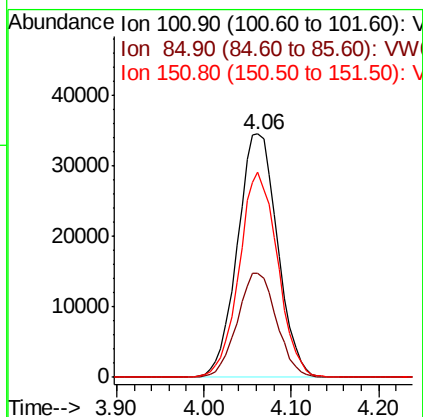
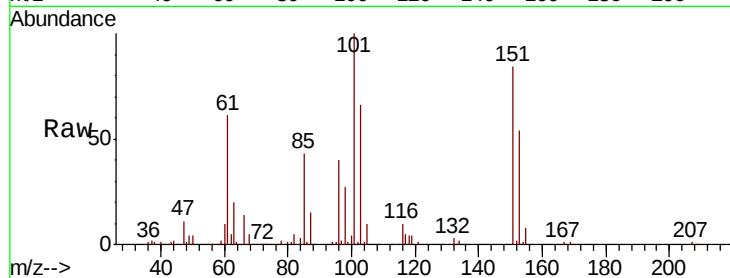
ClientSampleId :

VW0906SBS01

Tot Ion:	101	Resp:	109767
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.0	49.6
151	80.9	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 14.76 ug/l

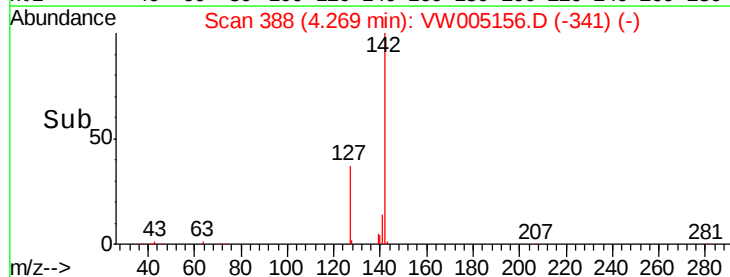
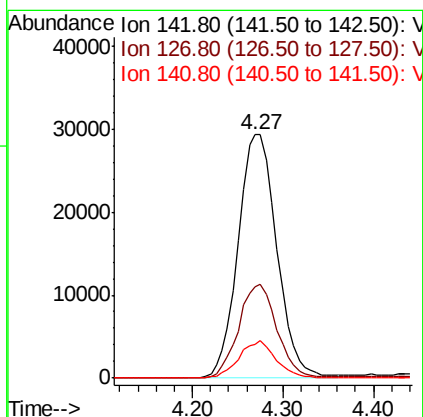
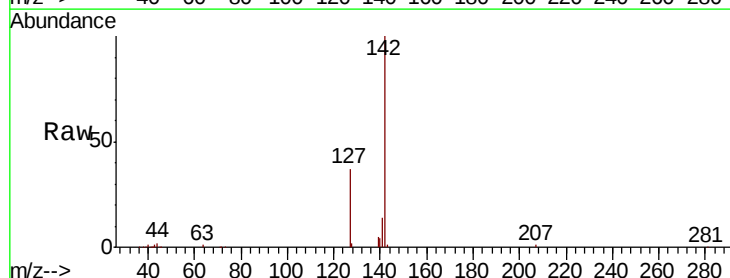
RT: 4.27 min Scan# 388

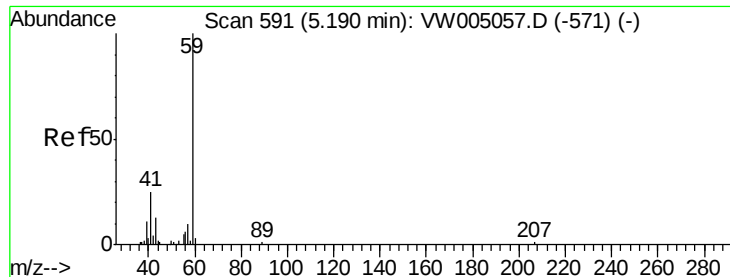
Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion:	142	Resp:	87065
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.8	46.2
141	14.4	11.6	17.4





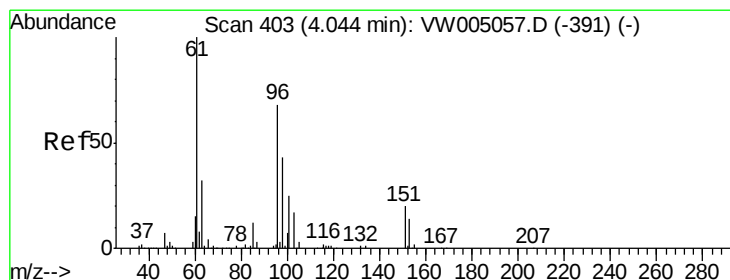
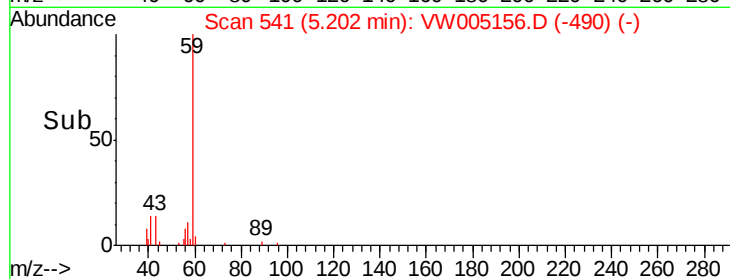
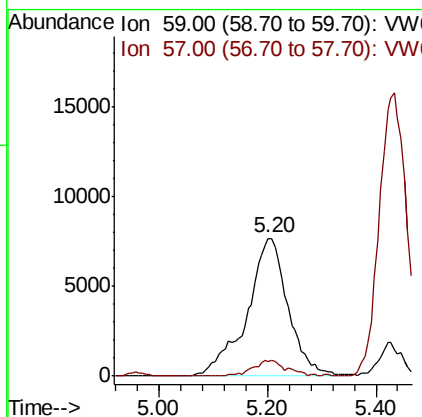
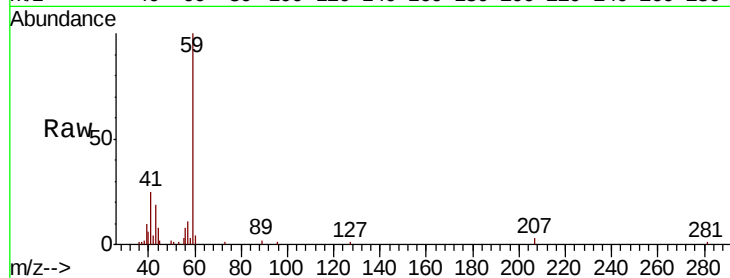
#11
Tert butyl alcohol
Concen: 152.35 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.6	12.8

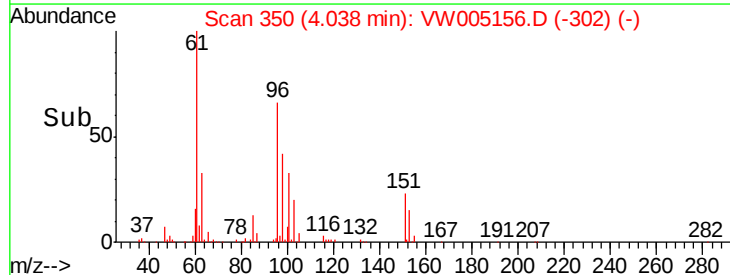
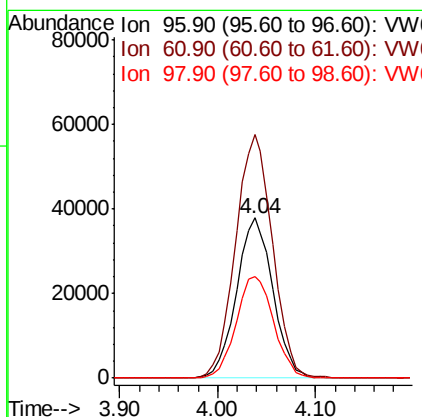
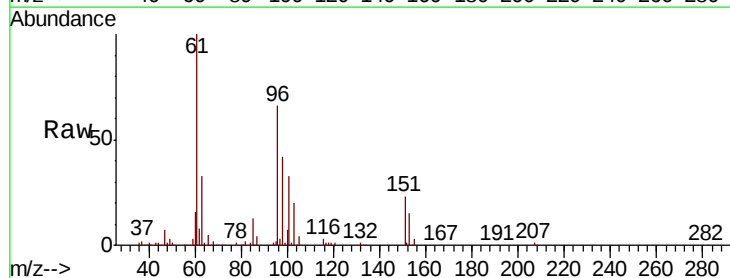
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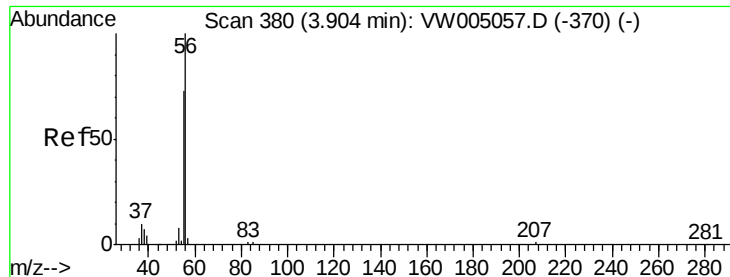
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#12
1,1-Dichloroethene
Concen: 21.54 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.9	117.4	176.0
98	63.6	51.0	76.4





#13

Acrolein

Concen: 108.10 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

Tot Ion: 56 Resp: 32548

Ion Ratio Lower Upper

56 100

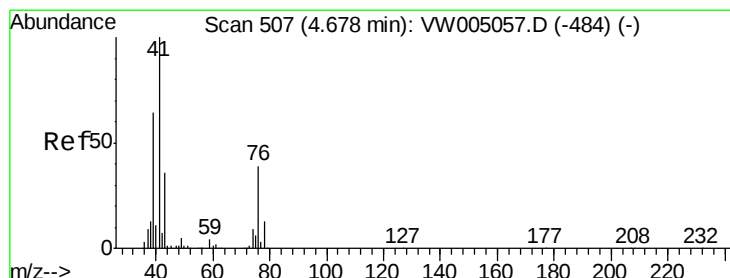
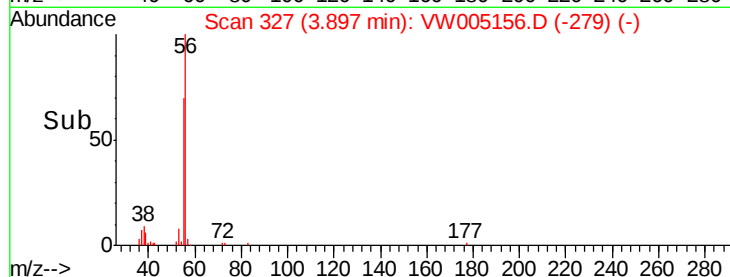
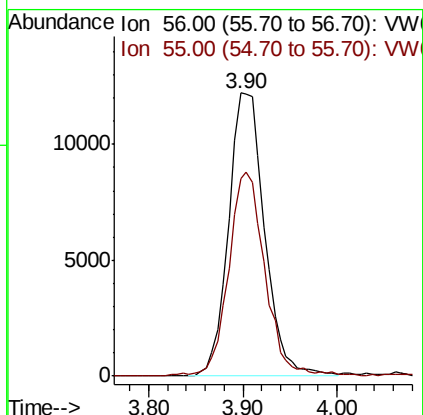
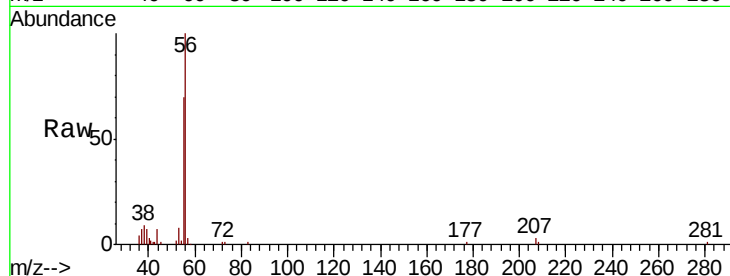
55 71.6 58.1 87.1

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#14

Allyl chloride

Concen: 21.70 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

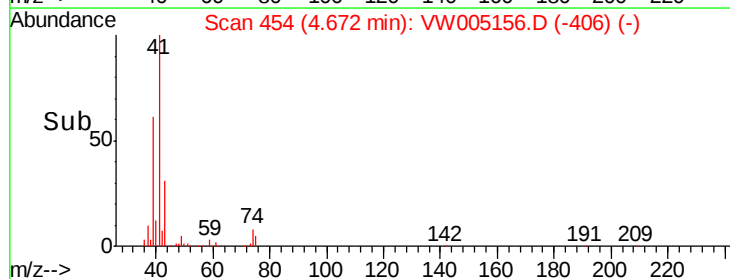
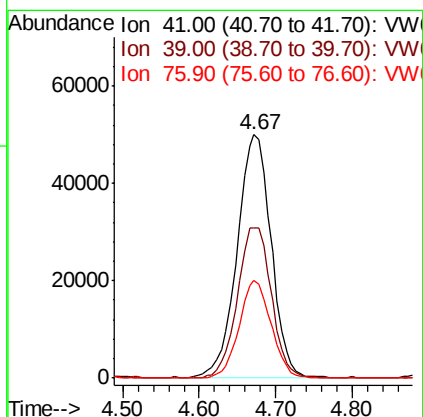
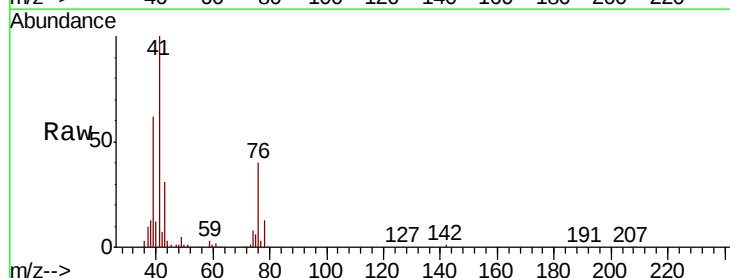
Tgt Ion: 41 Resp: 153477

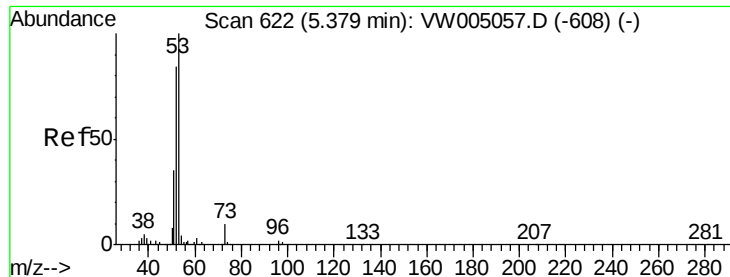
Ion Ratio Lower Upper

41 100

39 62.4 49.4 74.2

76 37.9 31.8 47.6





#15

Acrylonitrile

Concen: 111.53 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

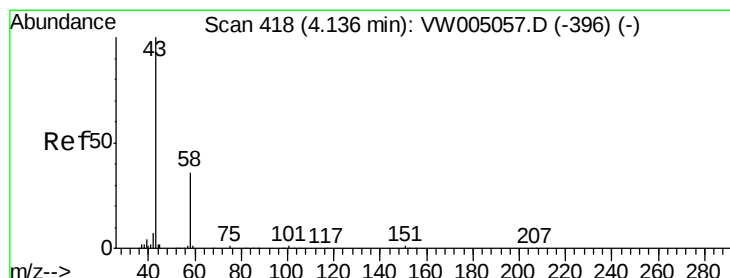
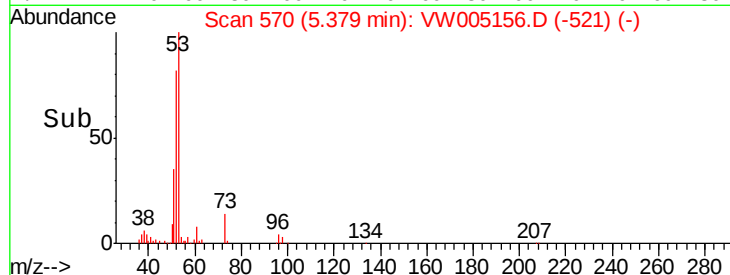
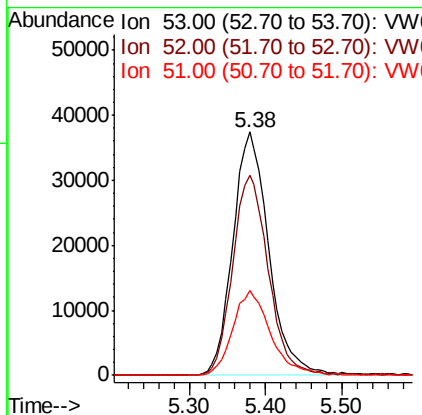
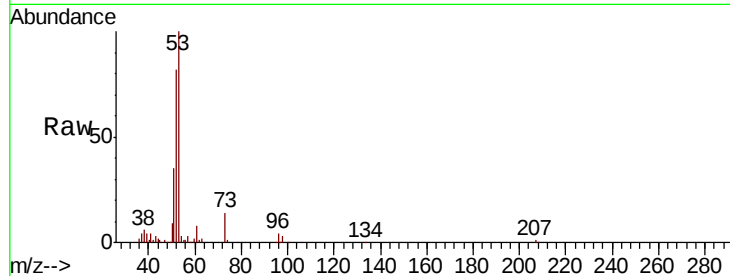
ClientSampleId :

VW0906SBS01

Tot Ion:	53	Resp:	121836
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.7	98.5
51	36.6	28.8	43.2

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#16

Acetone

Concen: 121.13 ug/l

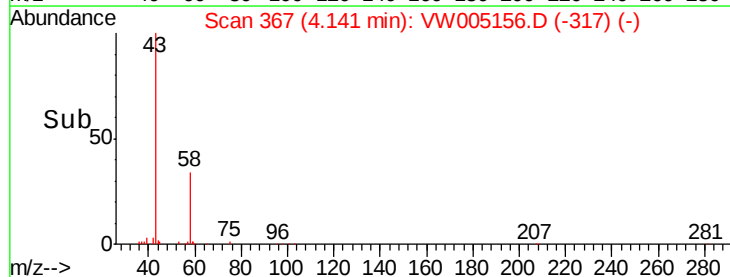
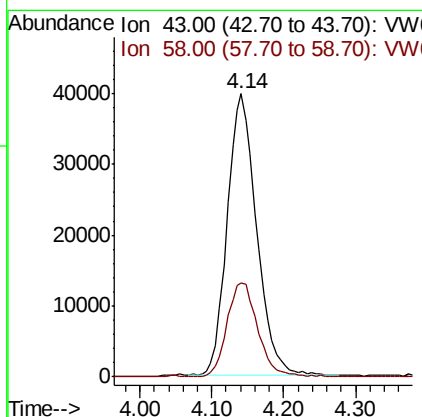
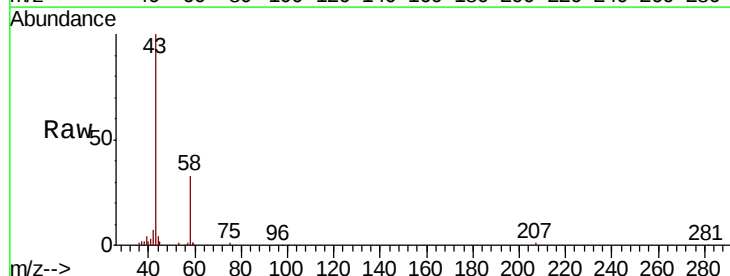
RT: 4.14 min Scan# 367

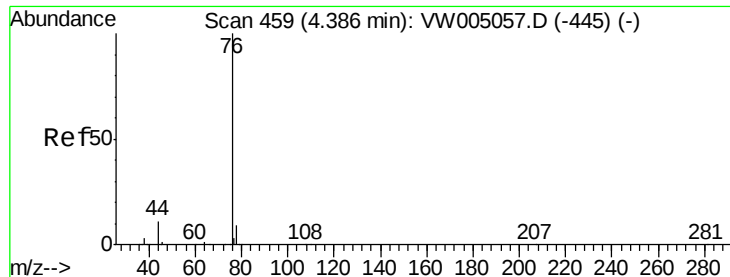
Delta R.T. 0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion:	43	Resp:	112688
Ion Ratio	Lower	Upper	
43	100		
58	33.0	29.0	43.6





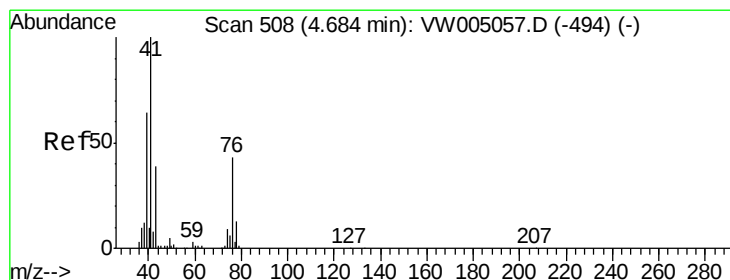
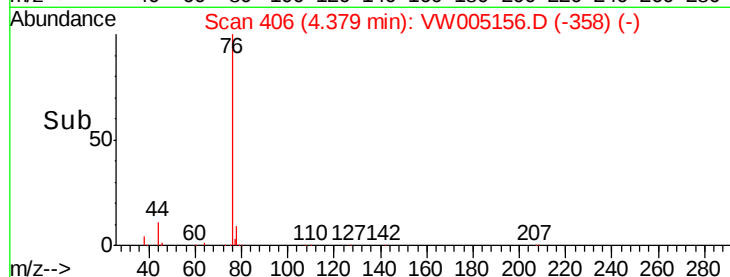
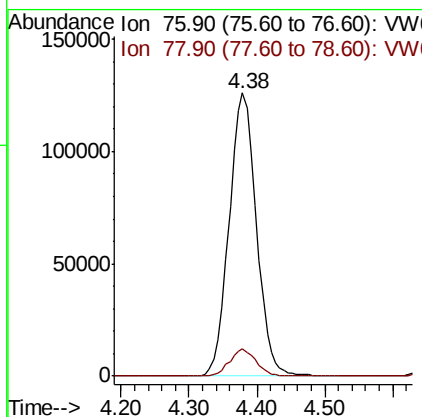
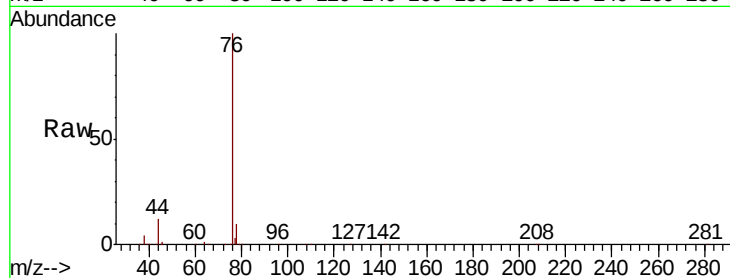
#17
Carbon Disulfide
Concen: 22.25 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

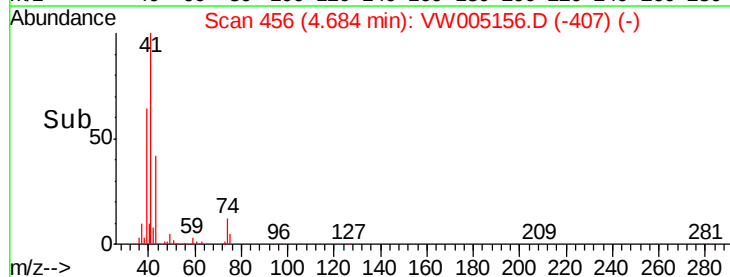
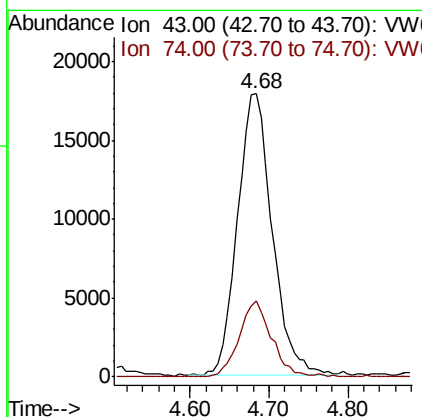
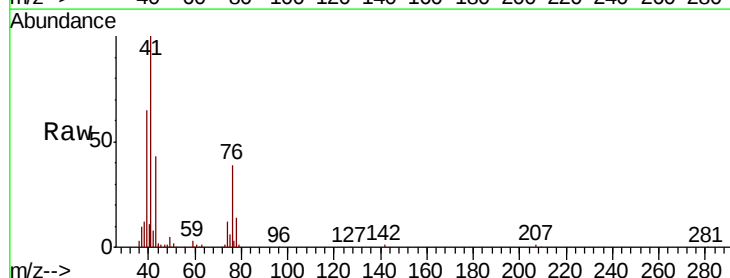
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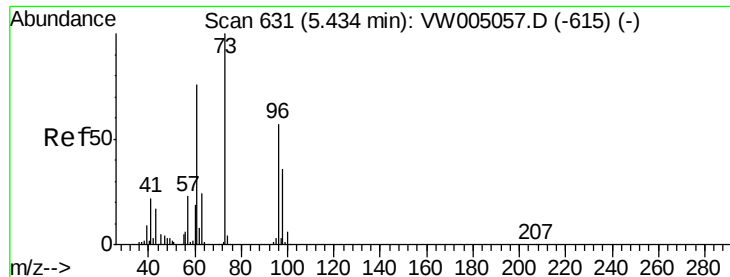
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#18
Methyl Acetate
Concen: 19.97 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	20.7	31.1





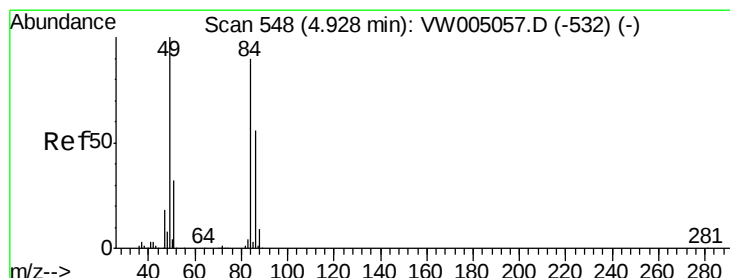
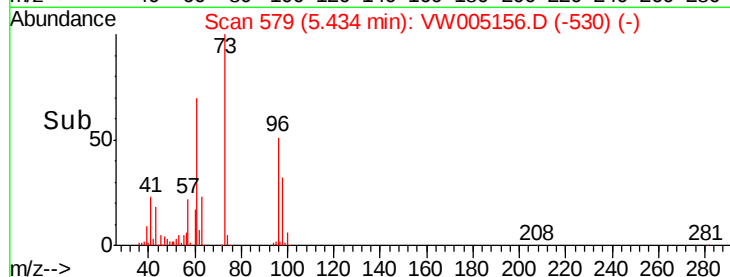
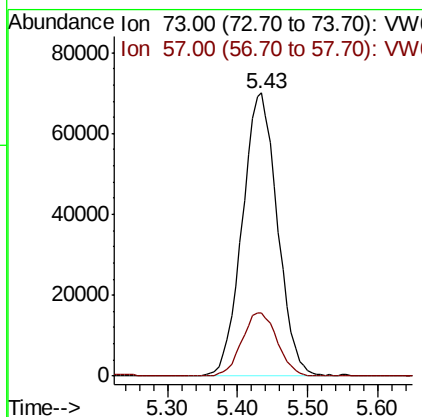
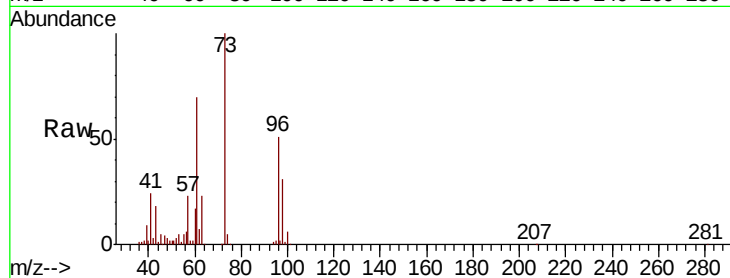
#19
Methvl tert-butvl Ether
Concen: 22.21 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion: 73 Resp: 244013
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1

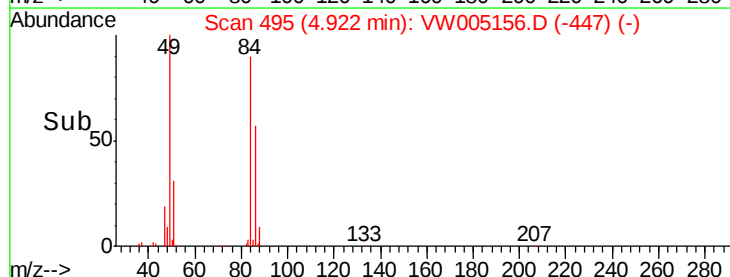
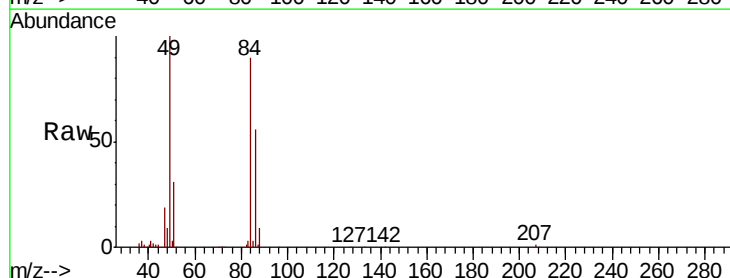
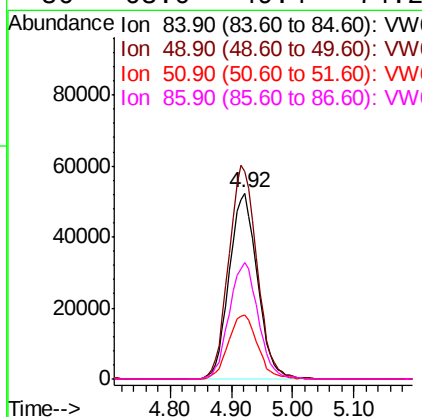
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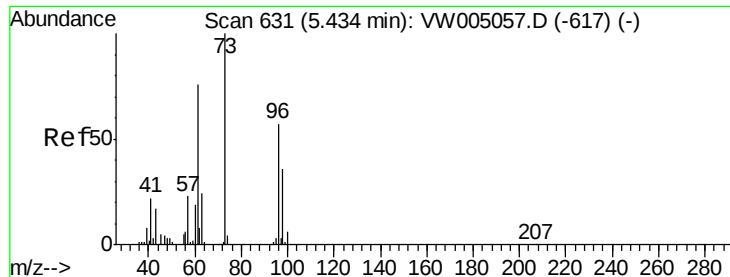
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#20
Methylene Chloride
Concen: 24.43 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 84 Resp: 166064
Ion Ratio Lower Upper
84 100
49 111.5 88.7 133.1
51 34.6 28.6 42.8
86 63.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.77 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

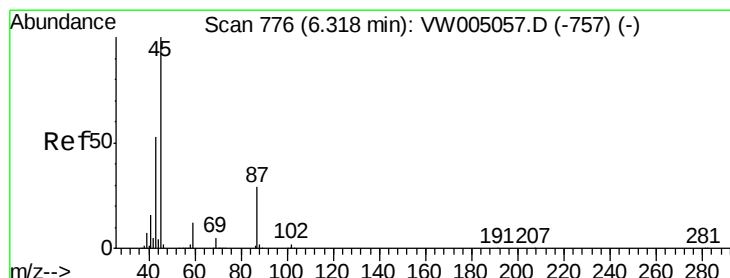
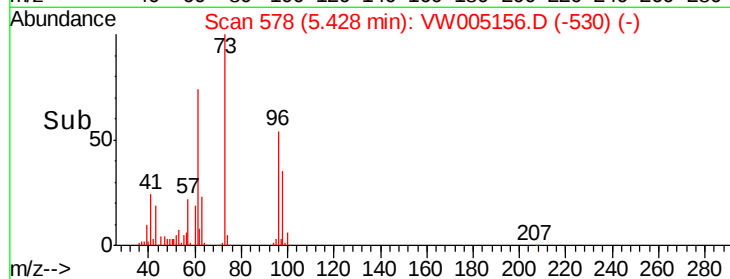
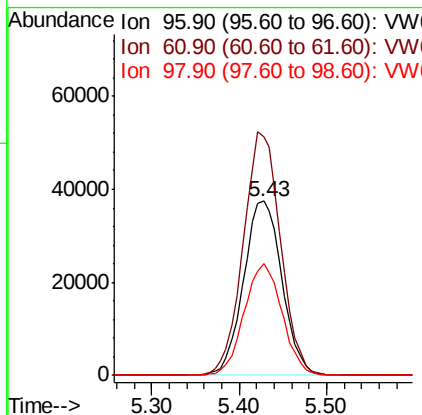
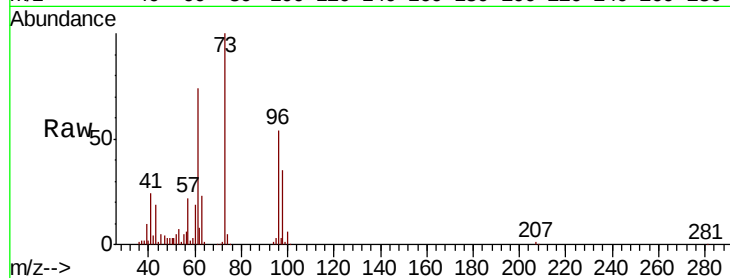
VW0906SBS01

Tot Ion:	96	Resp:	114522
Ion Ratio	Lower	Upper	
96	100		
61	137.0	106.3	159.5
98	64.2	50.9	76.3

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#22

Diisopropyl ether

Concen: 22.25 ug/l

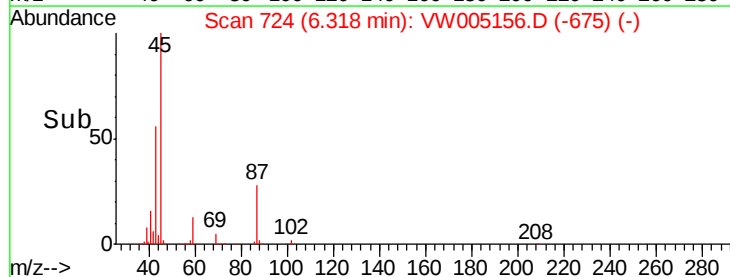
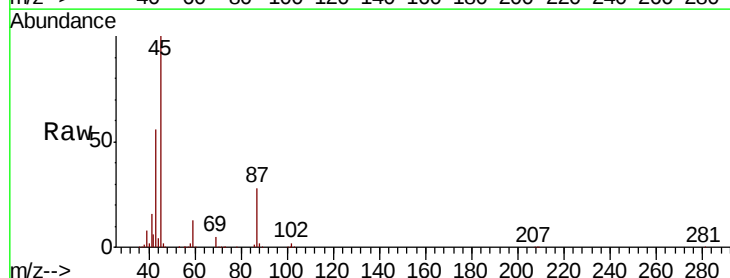
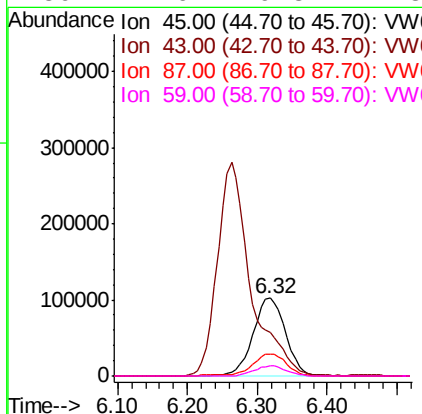
RT: 6.32 min Scan# 724

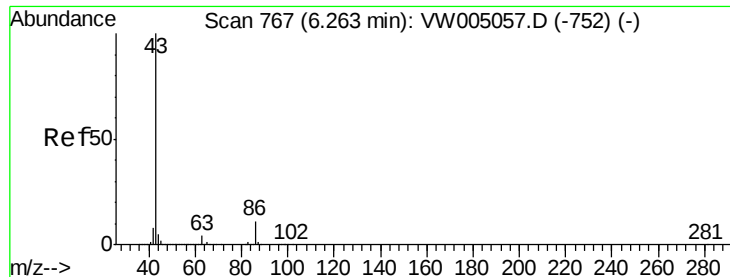
Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion:	45	Resp:	331103
Ion Ratio	Lower	Upper	
45	100		
43	54.7	42.6	63.8
87	28.0	23.6	35.4
59	12.6	9.8	14.8





#23

Vinyl Acetate

Concen: 118.92 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 43 Resp: 929752

Ion Ratio Lower Upper

43 100

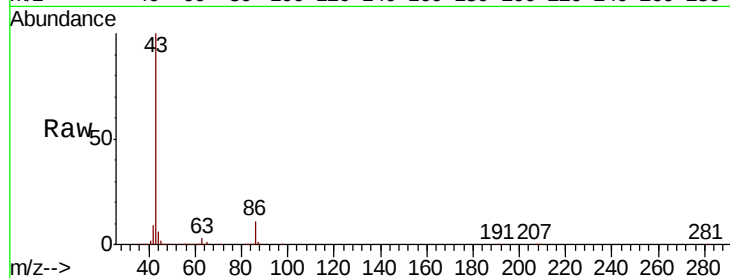
86 10.8 9.0 13.4

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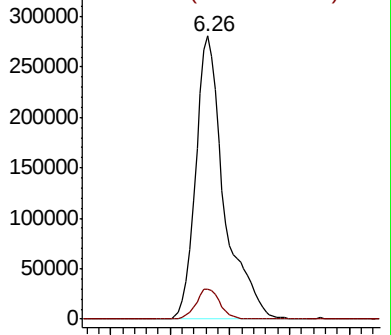
apatel

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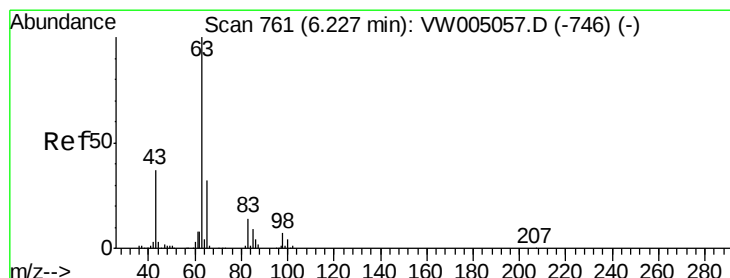
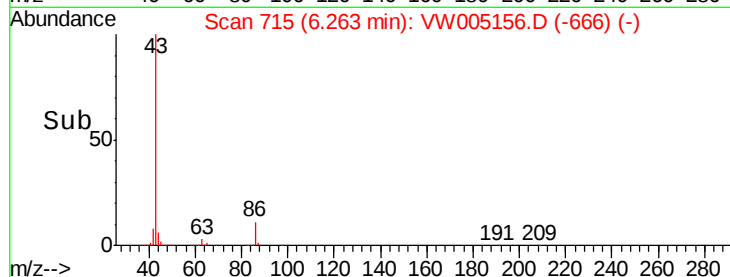


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 21.07 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

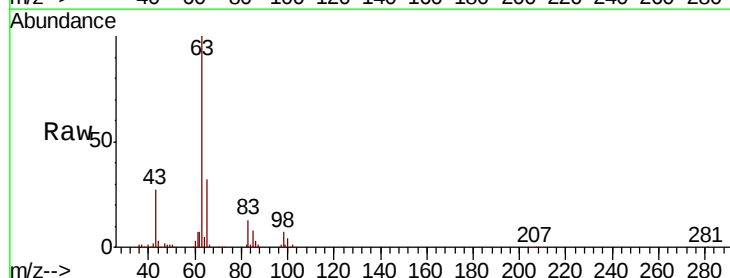
Tgt Ion: 63 Resp: 195997

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

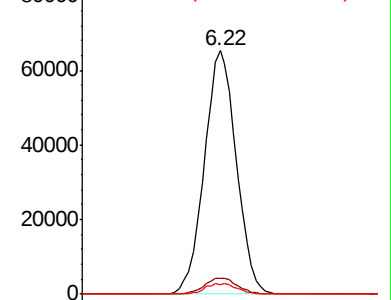
100 3.9 2.2 6.6



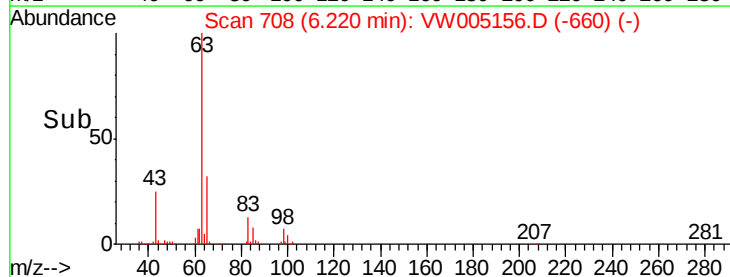
Abundance Ion 62.90 (62.60 to 63.60): VW

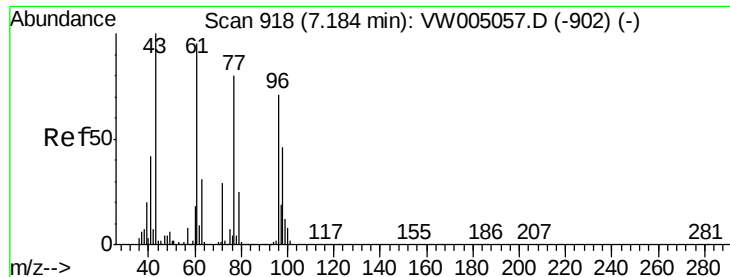
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 114.63 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 43 Resp: 184968

Ion Ratio Lower Upper

43 100

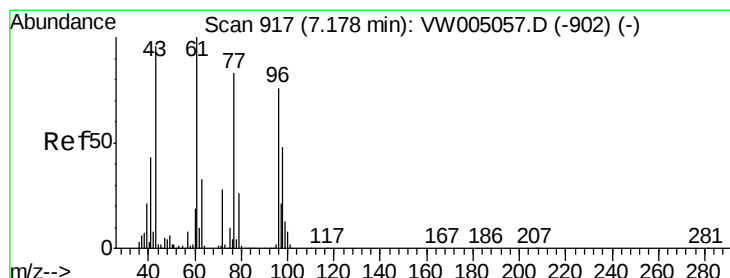
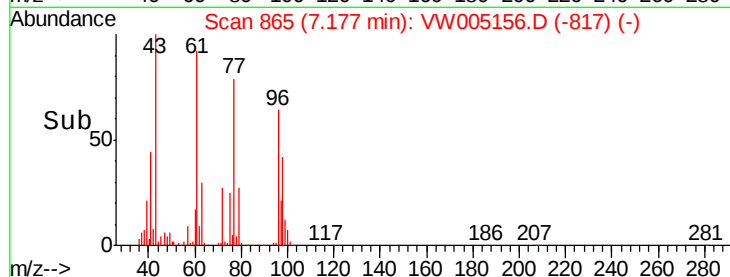
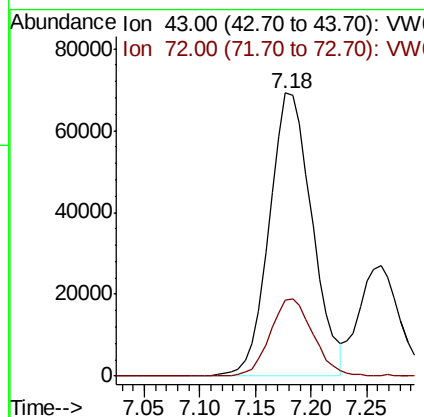
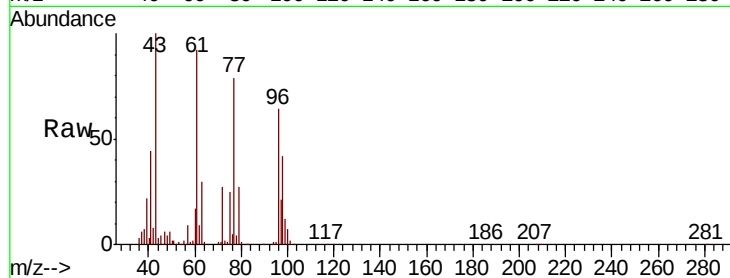
72 26.7 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 22.64 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005156.D

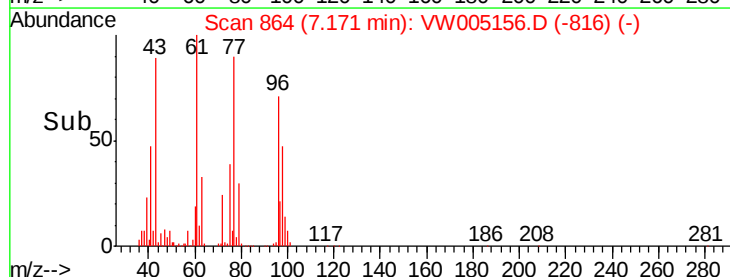
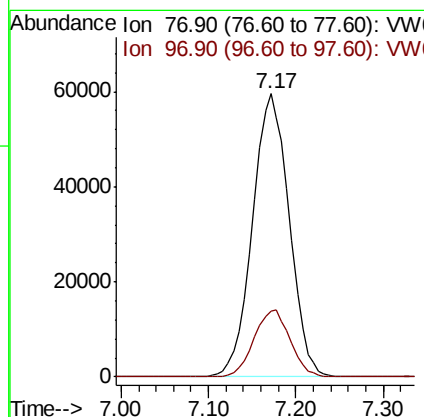
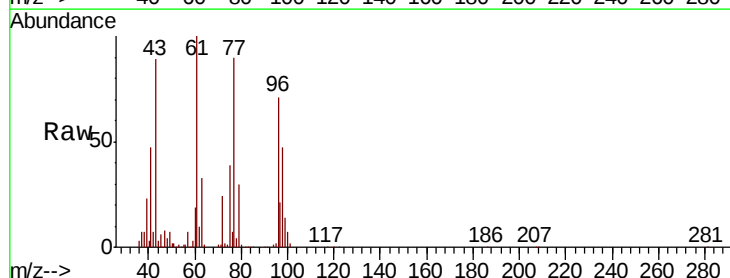
Acq: 06 Sep 2018 12:00

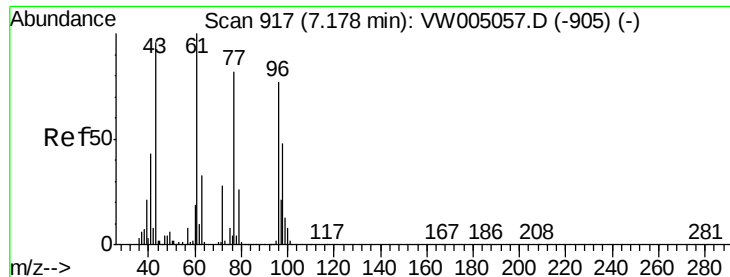
Tgt Ion: 77 Resp: 173051

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6





#27

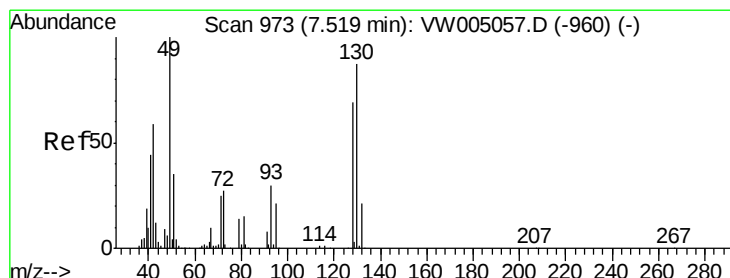
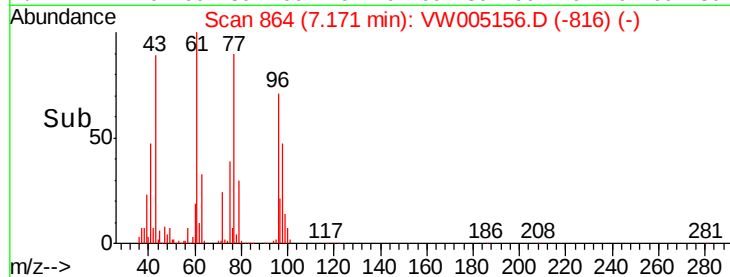
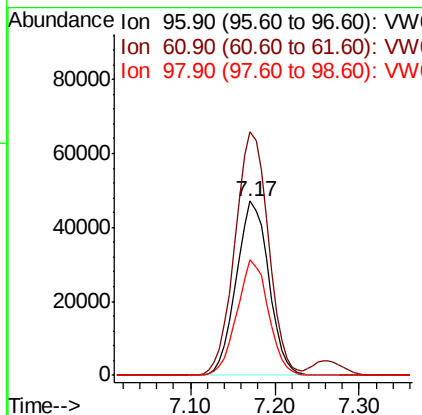
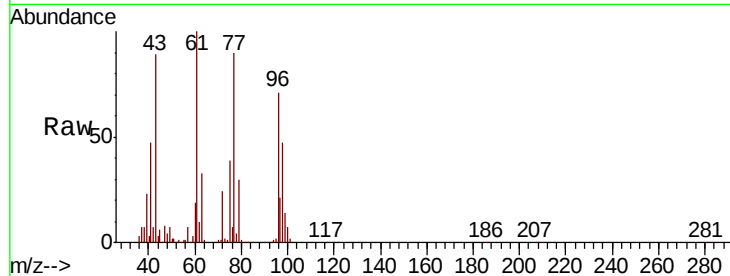
cis-1,2-Dichloroethene
Concen: 20.35 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	144.0	0.0	273.2		
98	64.3	0.0	127.8		

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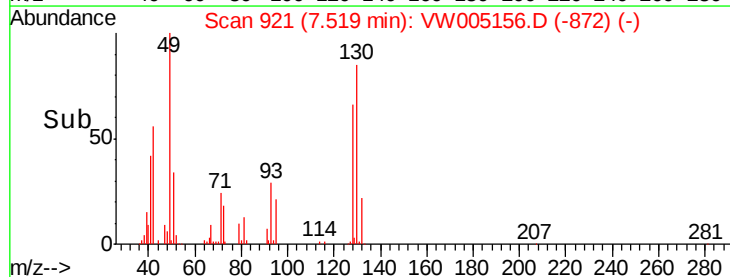
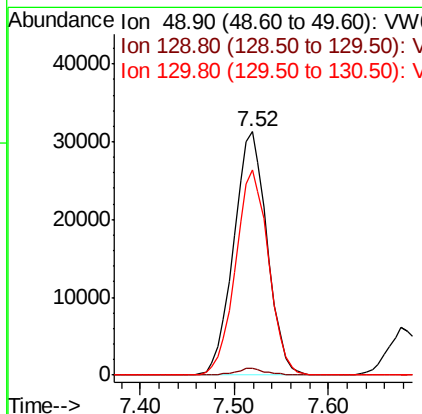
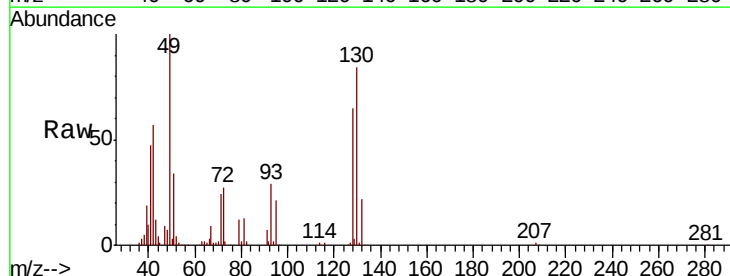
apatel
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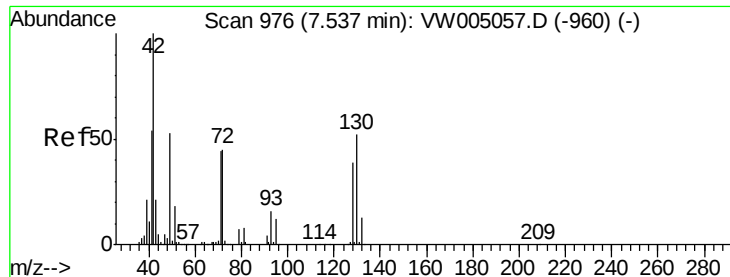


#28

Bromochloromethane
Concen: 20.62 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	2.5	0.0	4.4		
130	83.9	69.6	104.4		





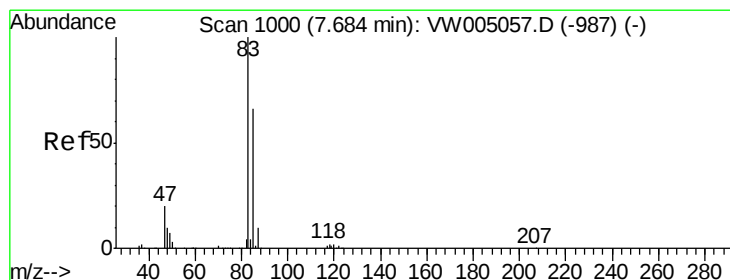
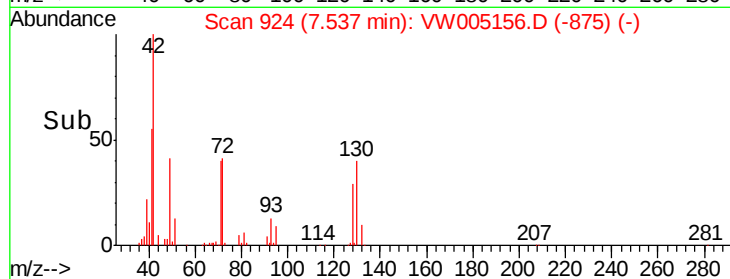
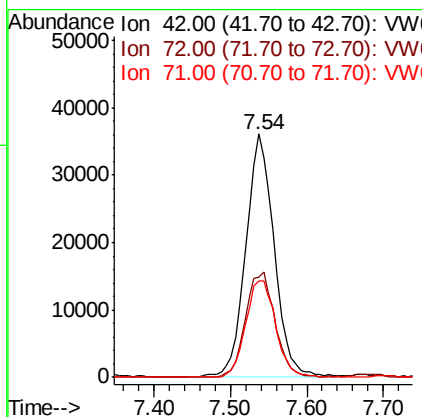
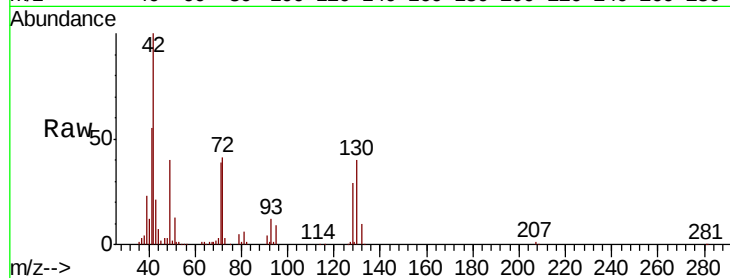
#29
Tetrahydrofuran
Concen: 113.66 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion:	42	Resp:	93709
Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.0	55.4
71	41.9	35.0	52.6

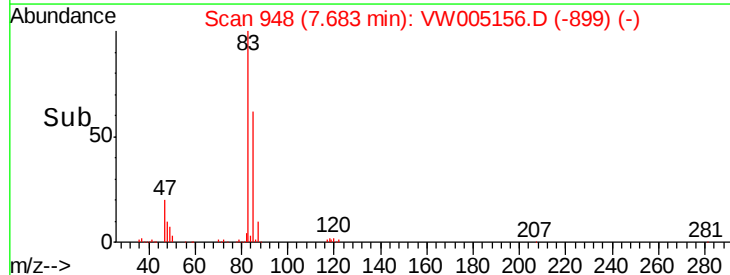
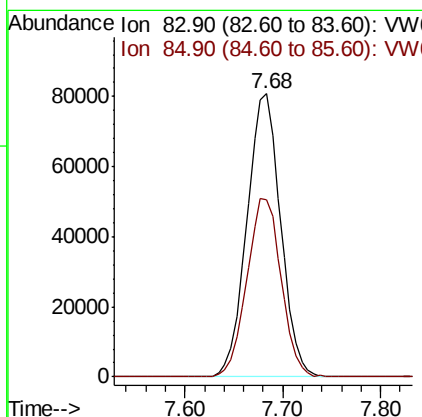
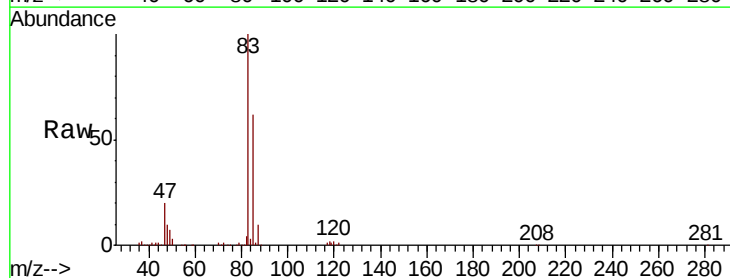
Manual Integrations
APPROVED

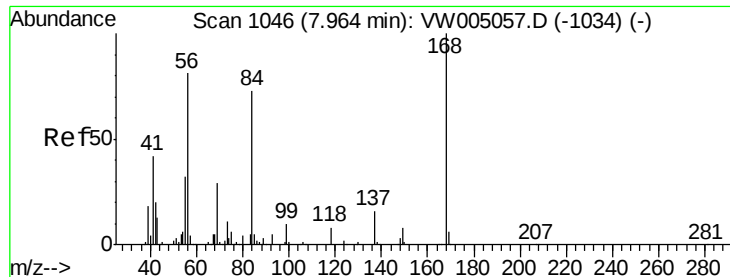
apatel
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#30
Chloroform
Concen: 20.38 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion:	83	Resp:	193521
Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.1	79.7





#31

Cyclohexane

Concen: 22.91 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

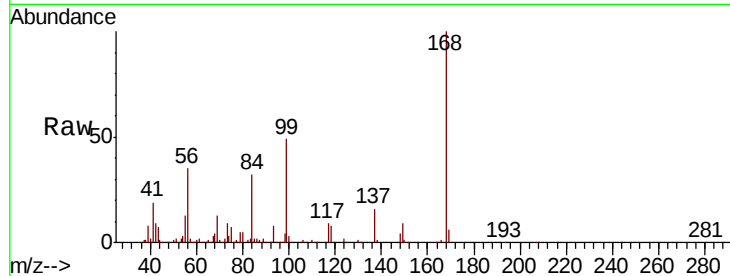
ClientSampled :

VW0906SBS01

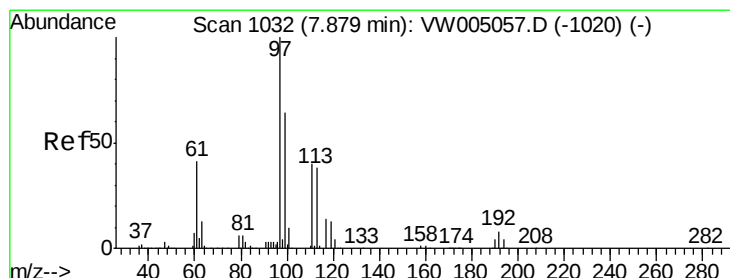
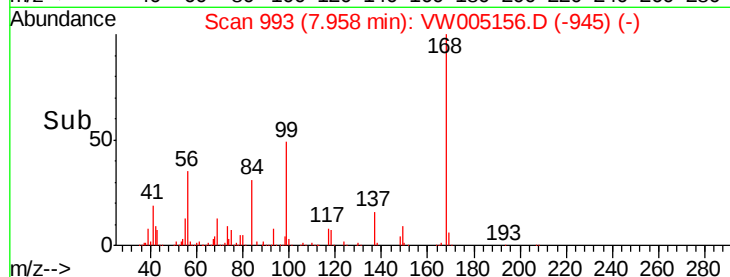
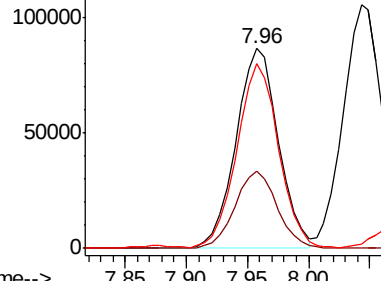
Tot Ion:	56	Resp:	208757
Ion Ratio	Lower	Upper	
56	100		
69	38.7	28.2	42.2
84	91.3	71.8	107.8

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 20.97 ug/l

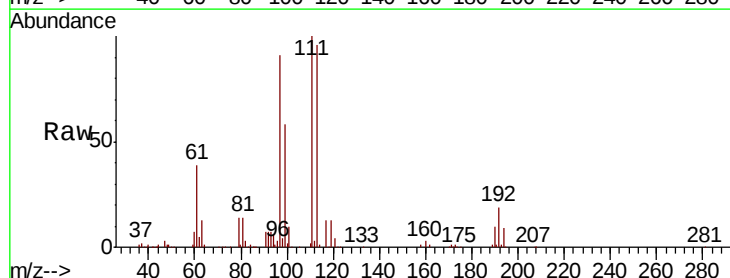
RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

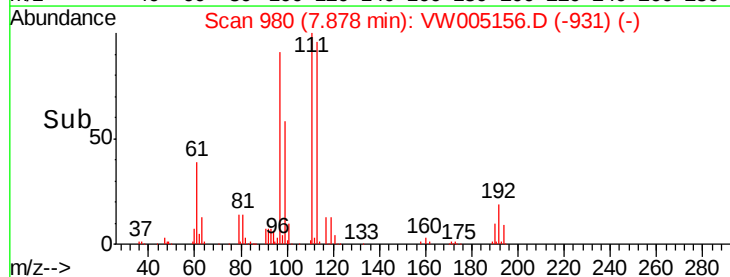
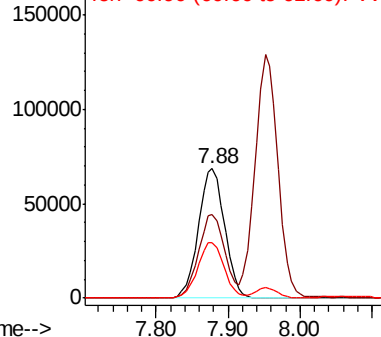
Lab File: VW005156.D

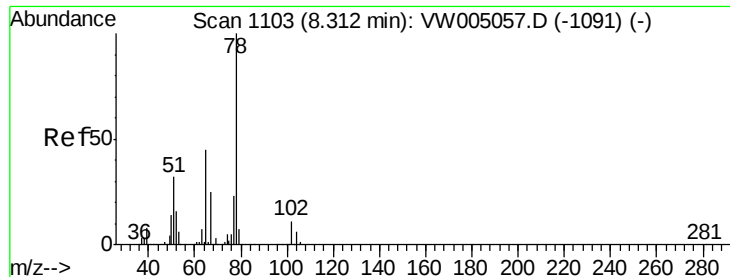
Acq: 06 Sep 2018 12:00

Tgt Ion:	97	Resp:	173404
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.8	77.8
61	43.0	33.2	49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 48.46 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

Tot Ion: 65 Resp: 224798

Ion Ratio Lower Upper

65 100

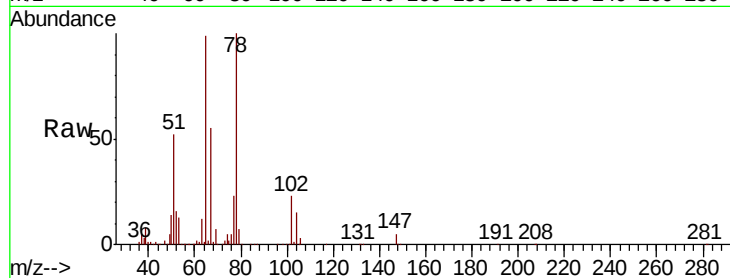
67 55.7 0.0 109.4

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

120000

100000

80000

60000

40000

20000

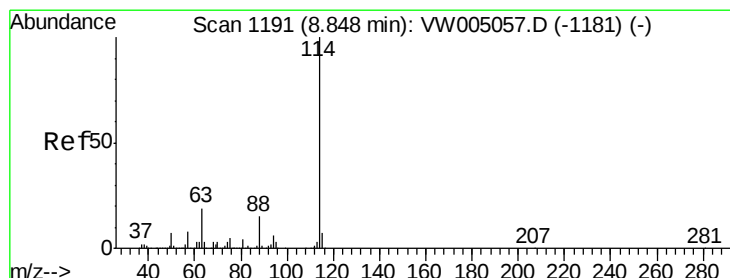
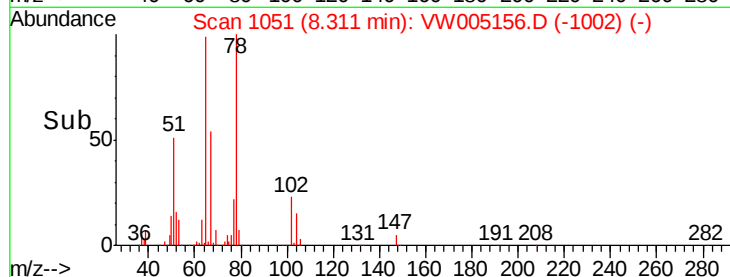
0

8.20

8.30

8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

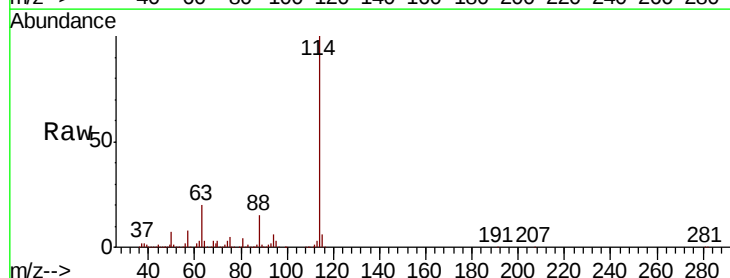
Tgt Ion: 114 Resp: 793648

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 15.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

500000

400000

300000

200000

100000

0

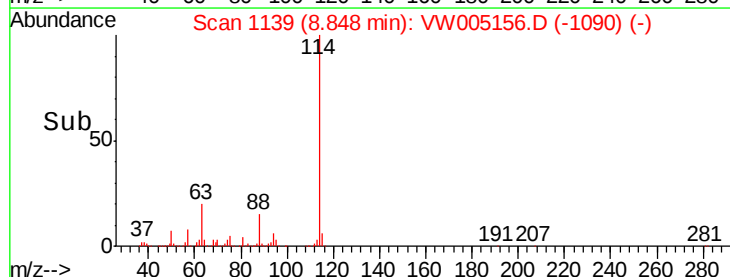
8.70

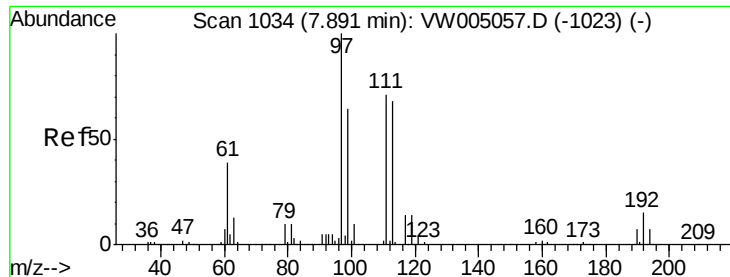
8.80

8.90

9.00

Time-->





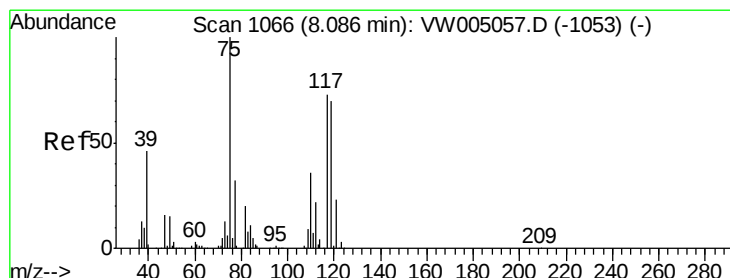
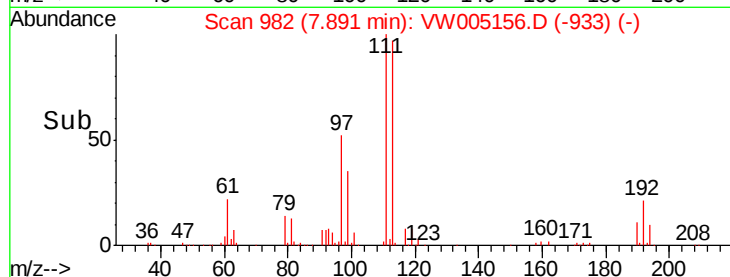
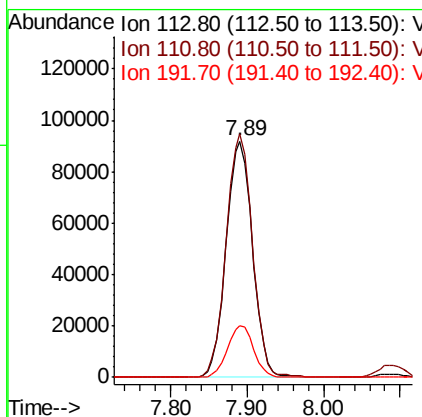
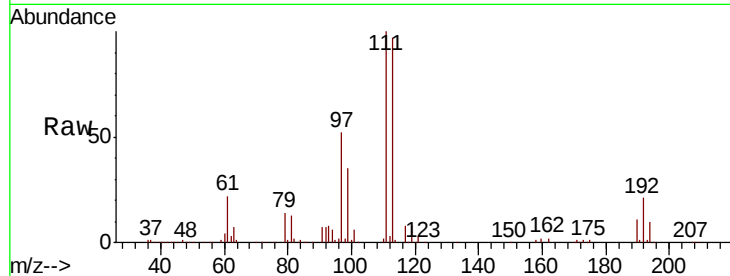
#35
 Dibromofluoromethane
 Concen: 47.77 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampled :
 VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	219089		
111	102.5	82.2	123.2	
192	21.8	18.1	27.1	

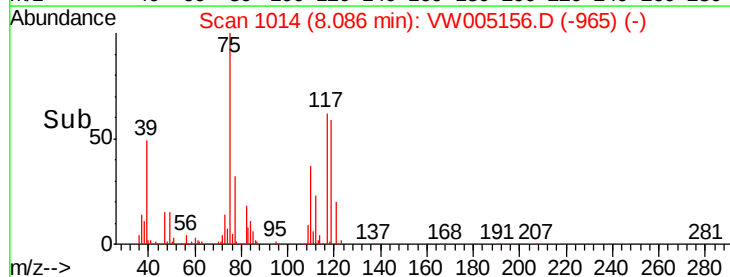
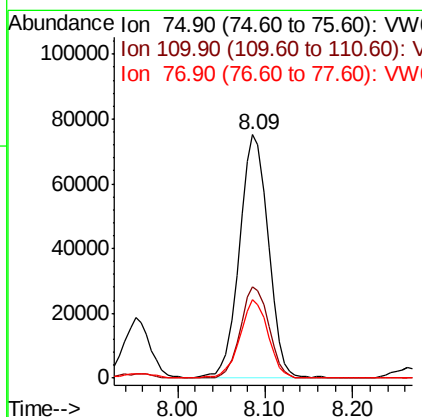
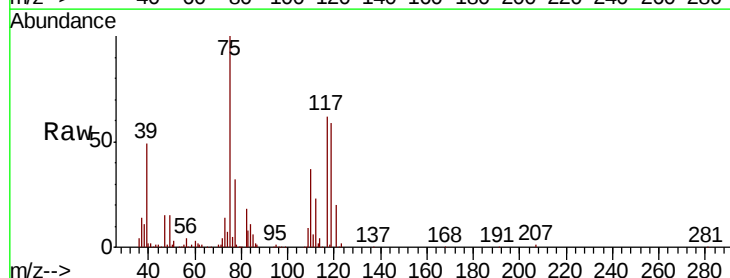
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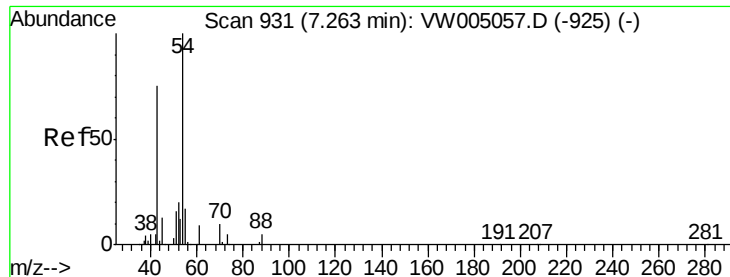
apatel
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#36
 1,1-Dichloropropene
 Concen: 22.65 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	171201		
110	37.1	18.9	56.7	
77	31.9	25.5	38.3	





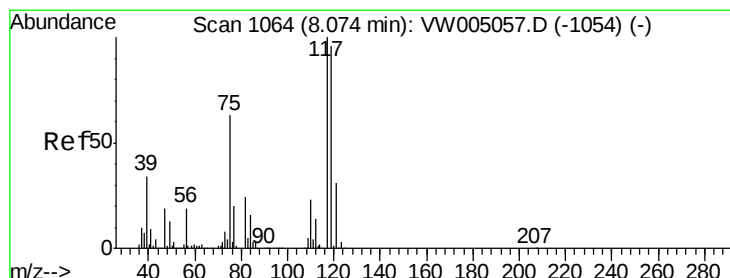
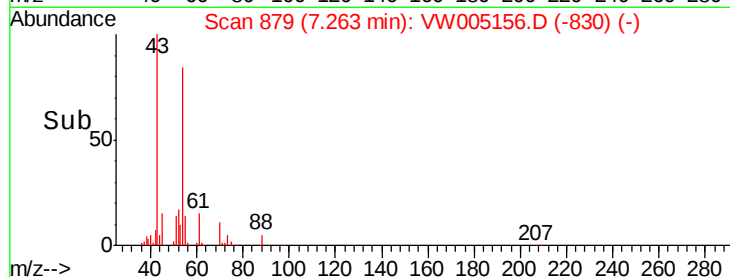
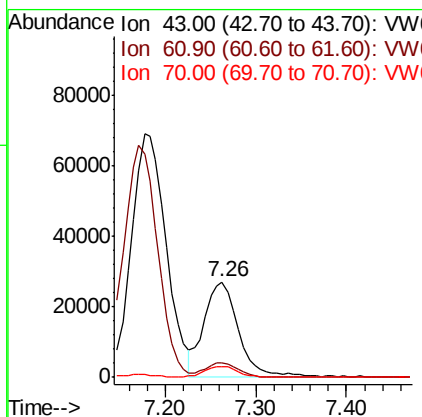
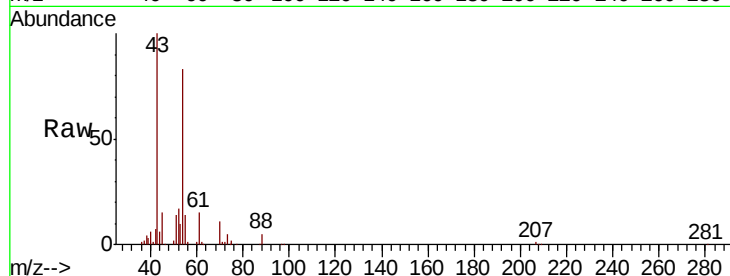
#37
Ethyl Acetate
Concen: 24.96 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	11.4	9.4	14.2

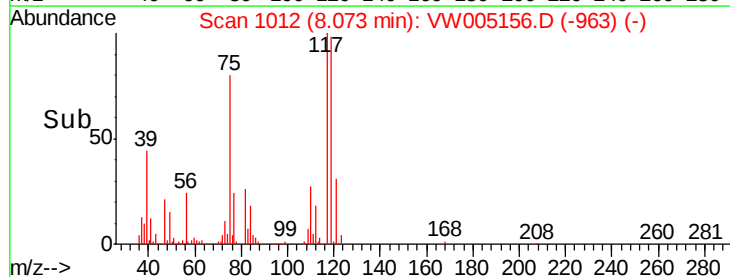
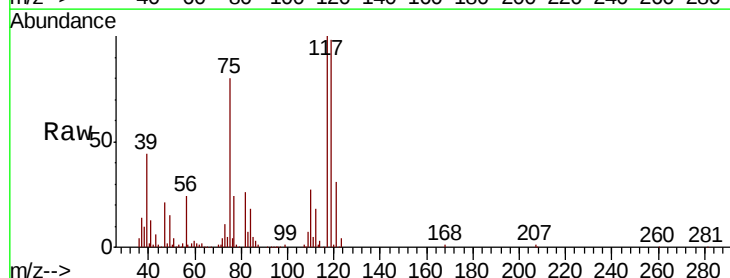
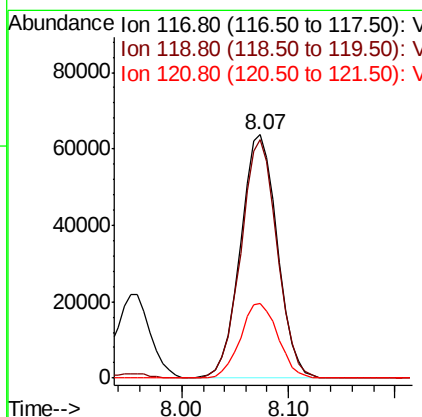
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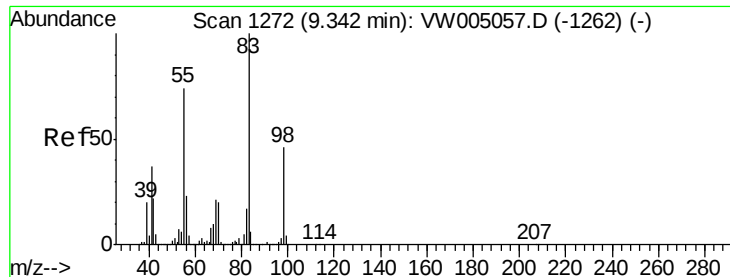
apatel
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#38
Carbon Tetrachloride
Concen: 21.48 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.6	115.0
121	30.9	24.8	37.2





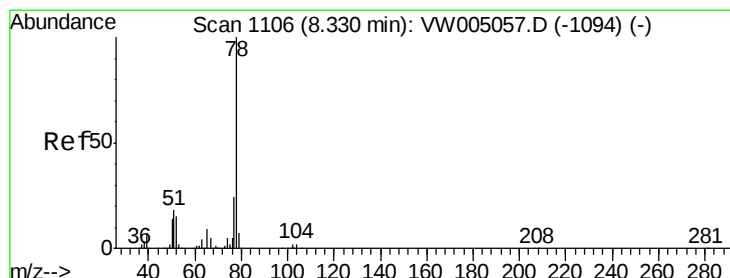
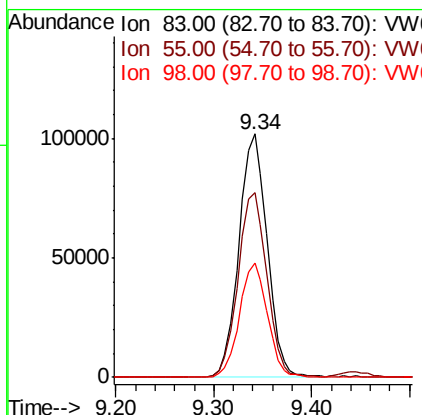
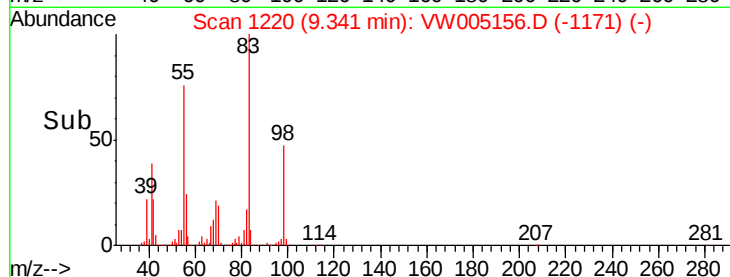
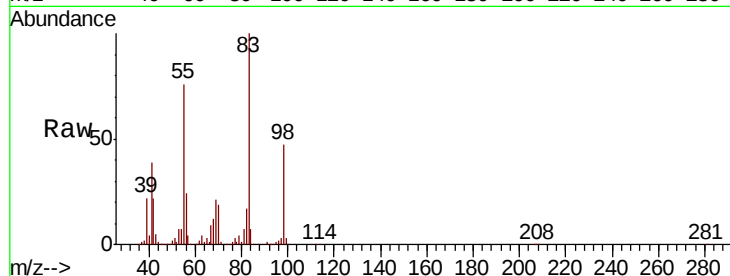
#39
Methvlcvclohexane
Concen: 22.47 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	58.9	88.3
98	47.2	36.8	55.2

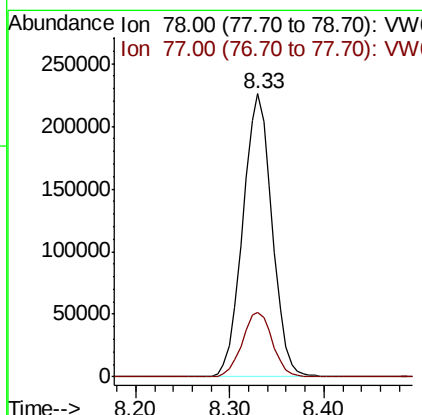
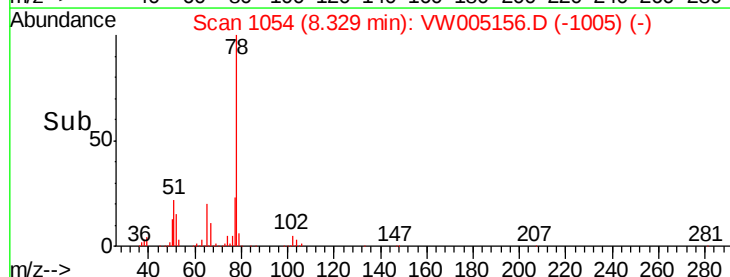
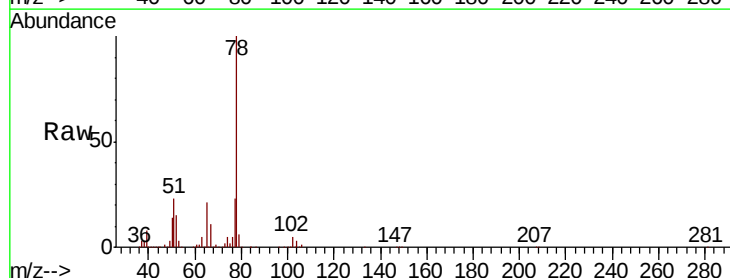
Manual Integrations
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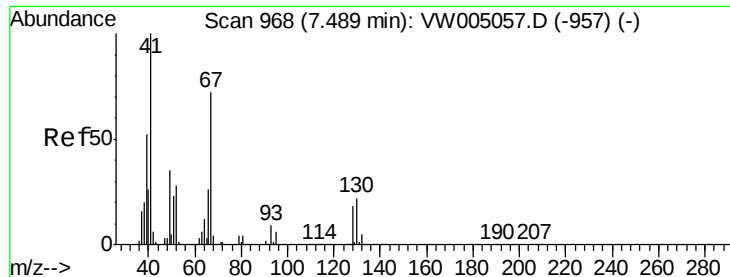
apatel
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#40
Benzene
Concen: 21.24 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.0





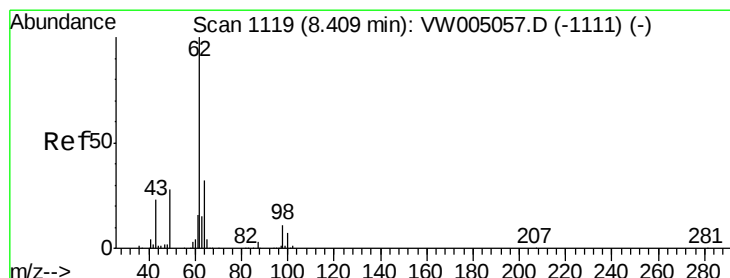
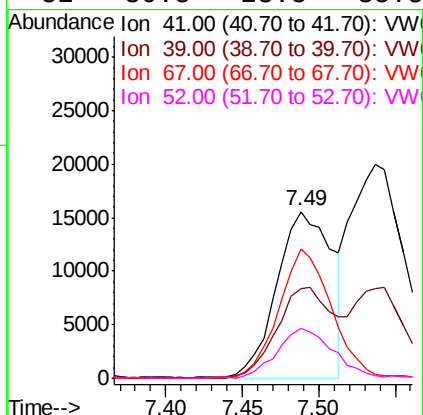
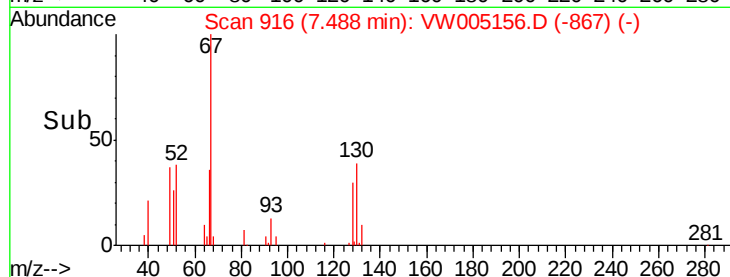
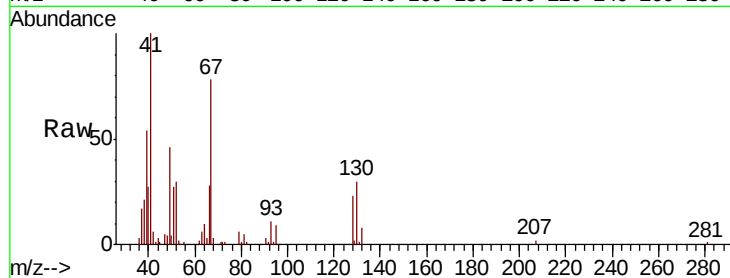
#41
Methacrylonitrile
Concen: 24.03 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.8	62.8
67	73.9	60.4	90.6
52	30.8	23.8	35.8

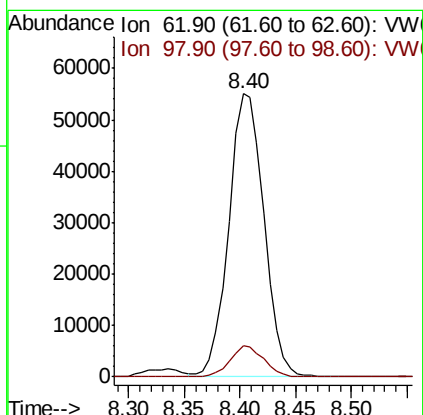
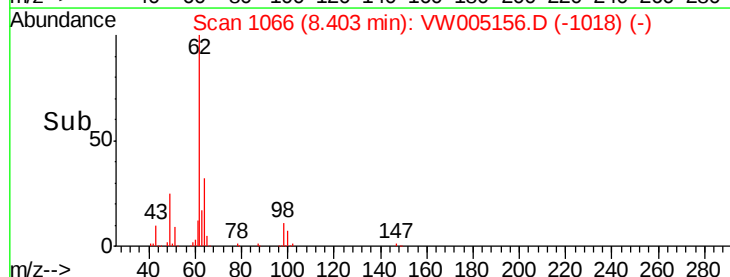
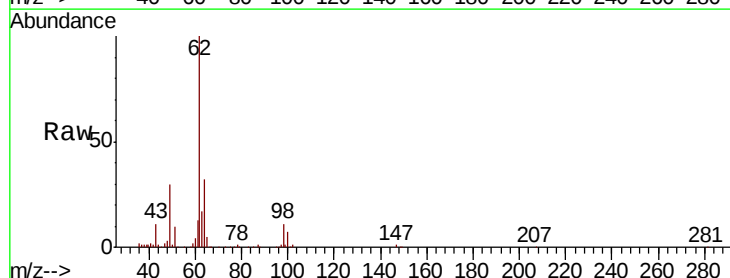
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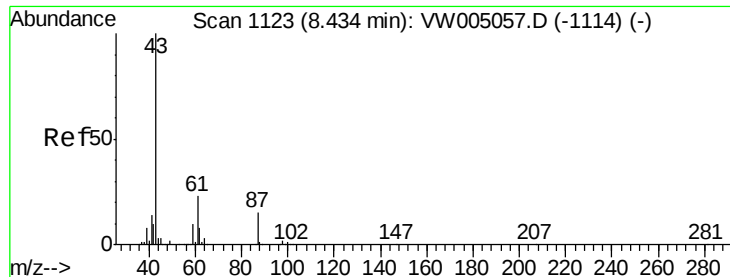
apatel
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#42
1,2-Dichloroethane
Concen: 21.25 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.8





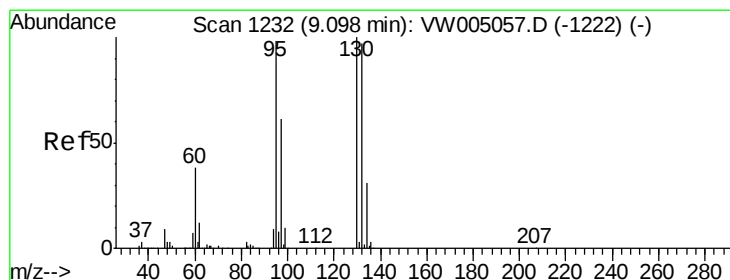
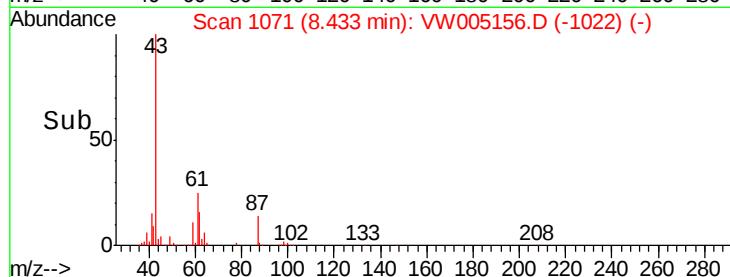
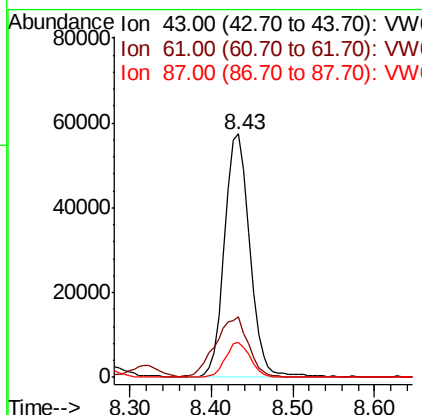
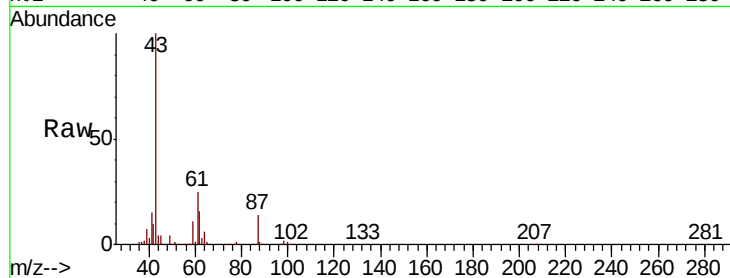
#43
Isopropyl Acetate
Concen: 23.91 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	122980		
61	32.8		26.8	40.2
87	14.1		11.6	17.4

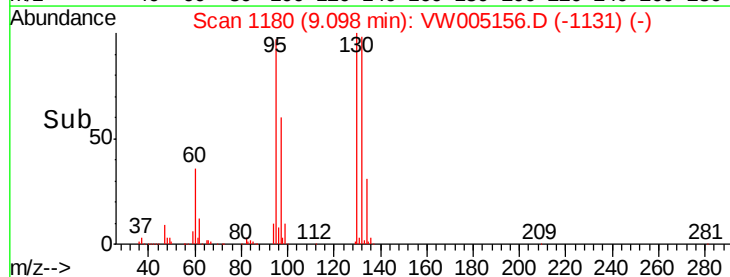
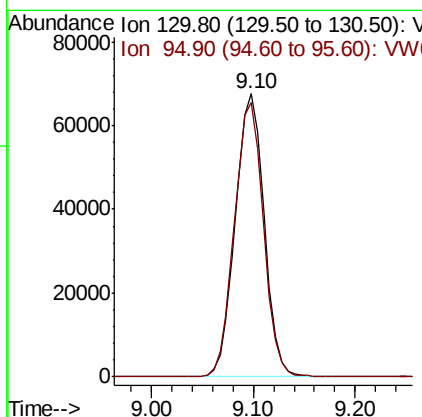
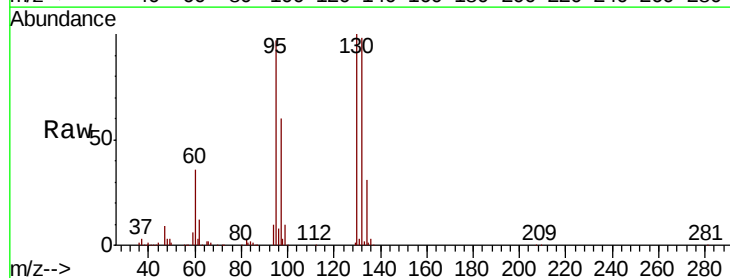
Manual Integrations
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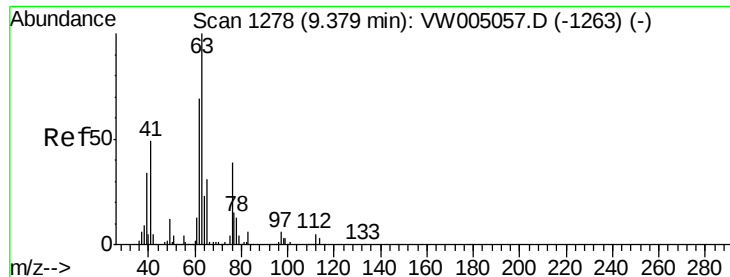
apatel
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#44
Trichloroethene
Concen: 21.18 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	132215		
95	97.2		0.0	195.2





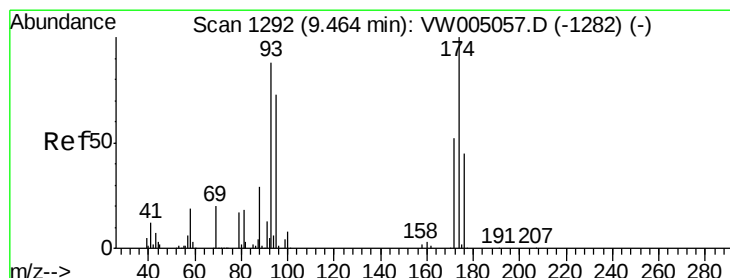
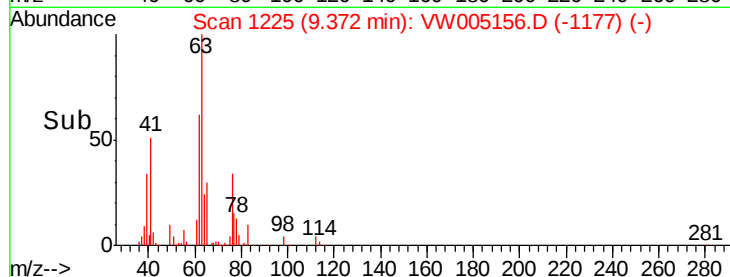
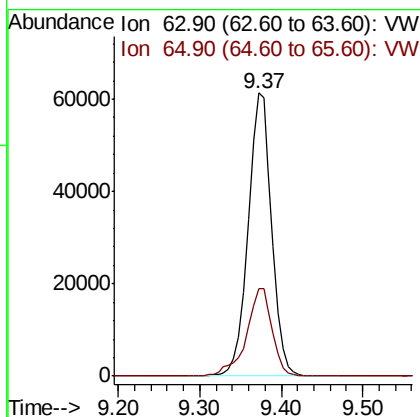
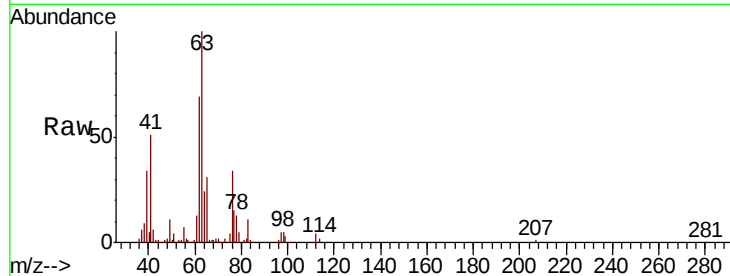
#45
 1,2-Dichloropropane
 Concen: 21.85 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	37.0

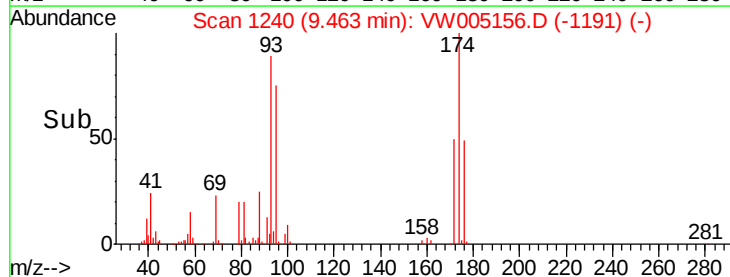
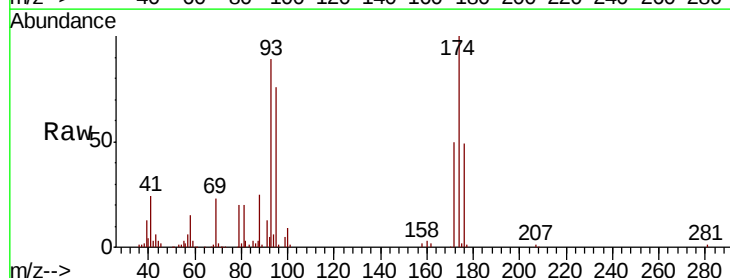
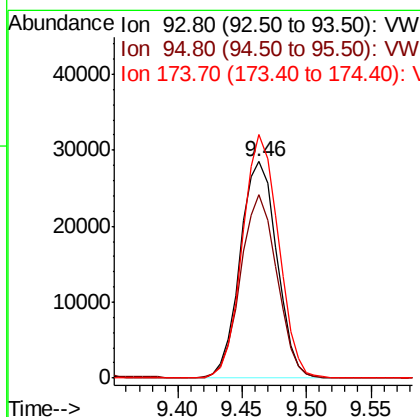
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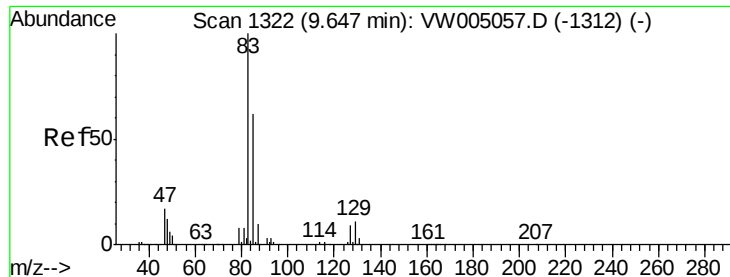
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#46
 Dibromomethane
 Concen: 20.88 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.2	99.4
174	109.7	92.0	138.0





#47

Bromodichloromethane

Concen: 20.83 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

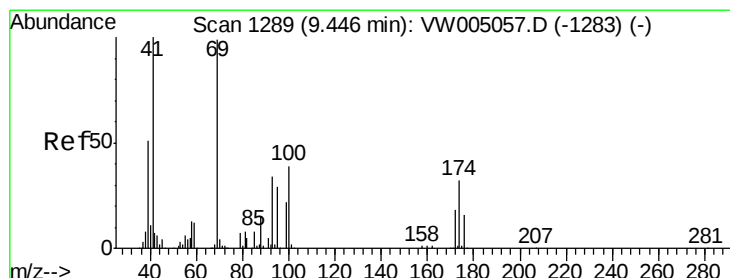
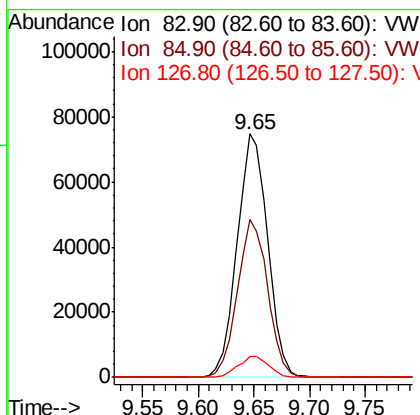
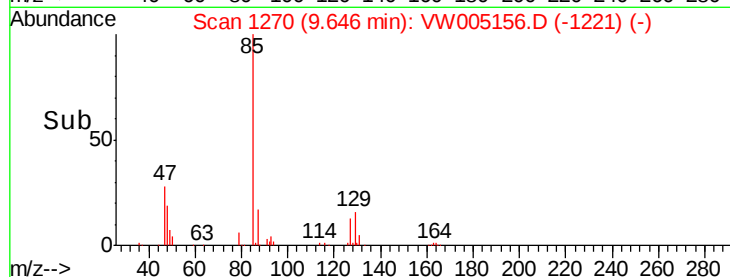
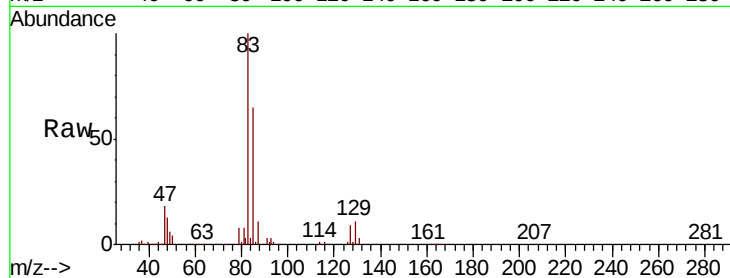
ClientSampleId :

VW0906SBS01

Tot Ion:	83	Resp:	141804
Ion Ratio	Lower	Upper	
83	100		
85	64.7	49.8	74.6
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.66 ug/l

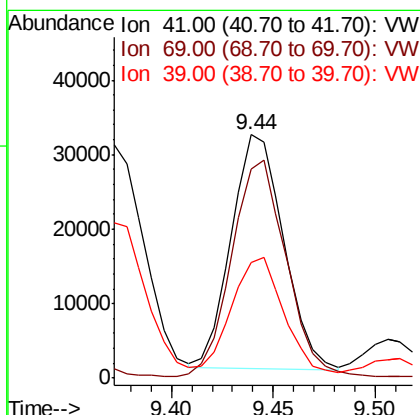
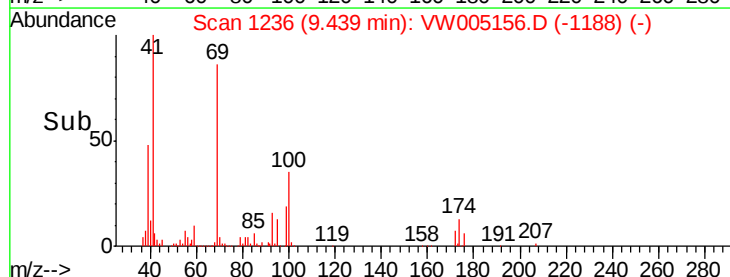
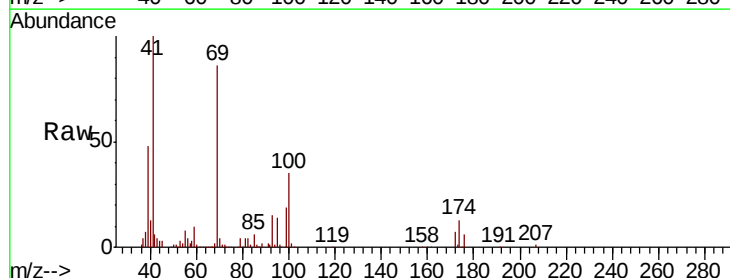
RT: 9.44 min Scan# 1236

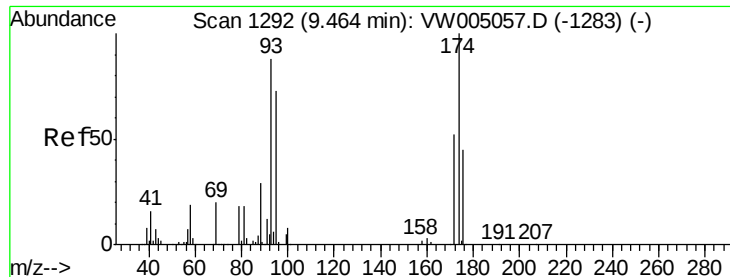
Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion:	41	Resp:	56117
Ion Ratio	Lower	Upper	
41	100		
69	97.5	80.4	120.6
39	48.3	43.5	65.3





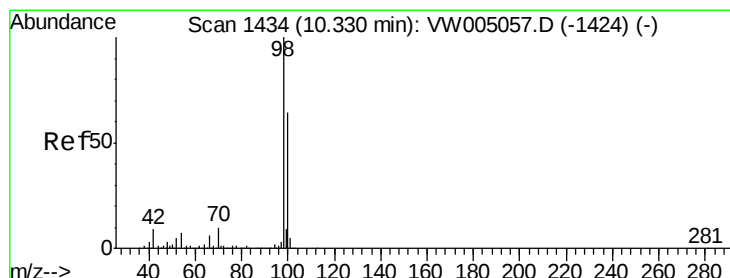
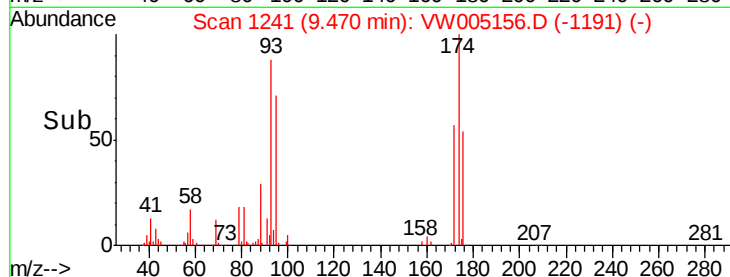
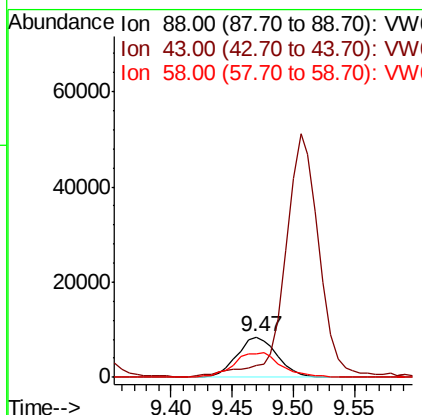
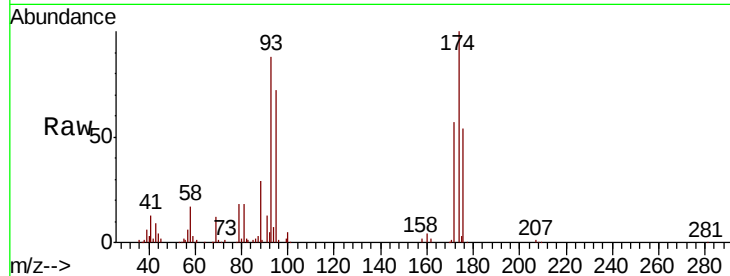
#49
1,4-Dioxane
Concen: 442.37 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

Tot Ion	88	Resp	19337
Ion Ratio	Lower	Upper	
88	100		
43	0.0	19.8	29.6#
58	72.5	57.1	85.7

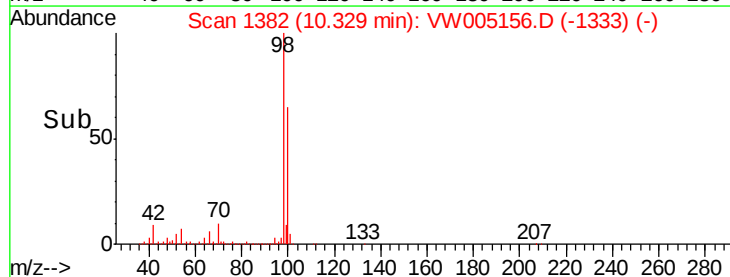
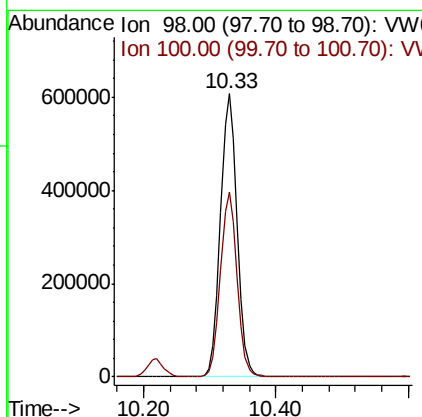
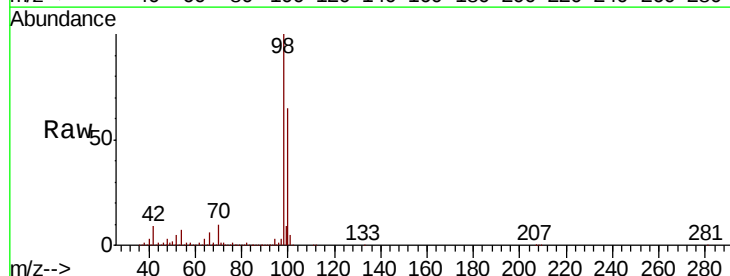
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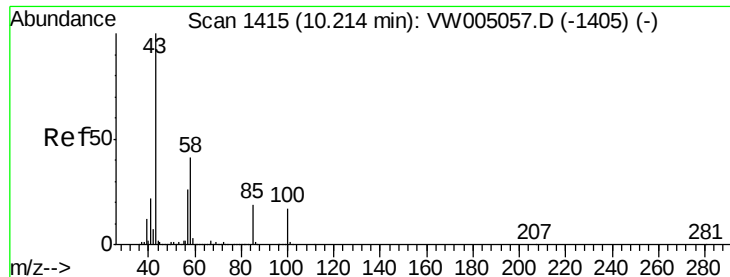
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#50
Toluene-d8
Concen: 49.93 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	98	Resp	1055197
Ion Ratio	Lower	Upper	
98	100		
100	65.3	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 119.97 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

Tot Ion: 43 Resp: 413580

Ion Ratio Lower Upper

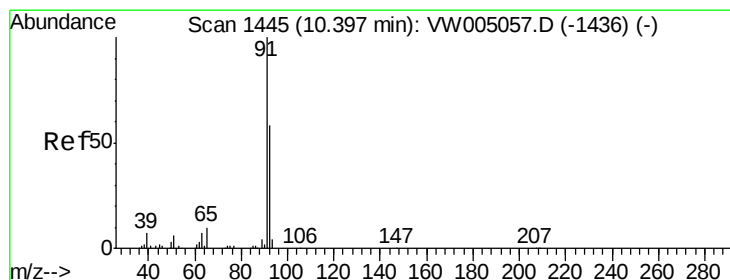
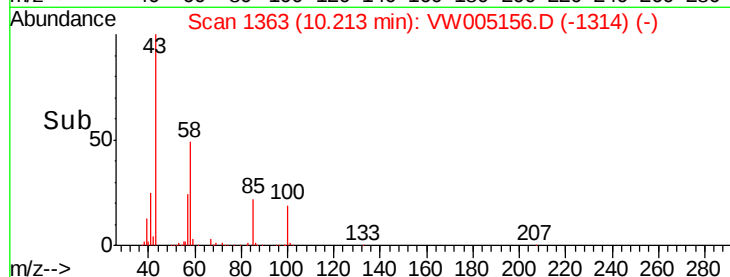
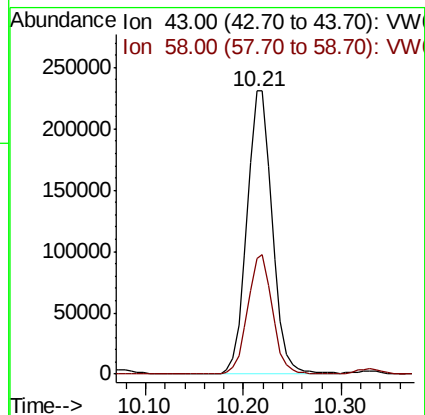
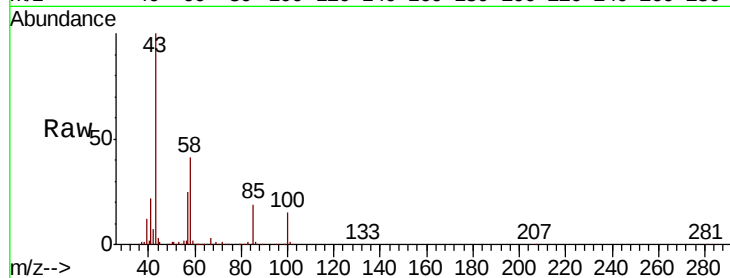
43 100

58 41.4 33.3 49.9

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#52

Toluene

Concen: 21.38 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005156.D

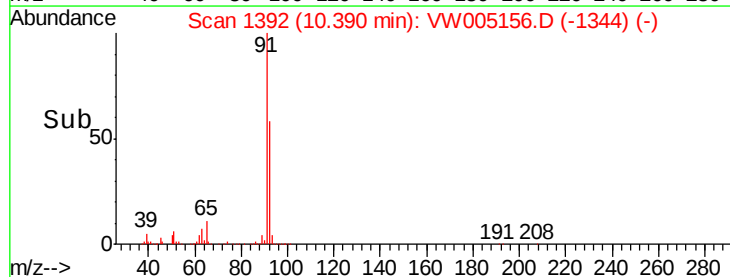
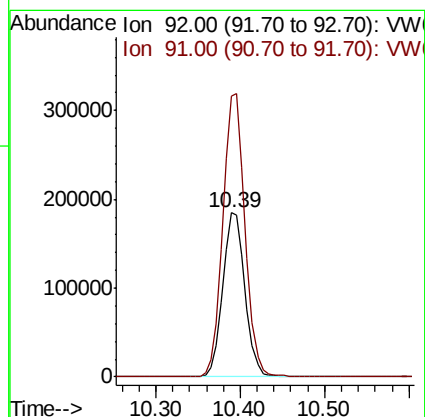
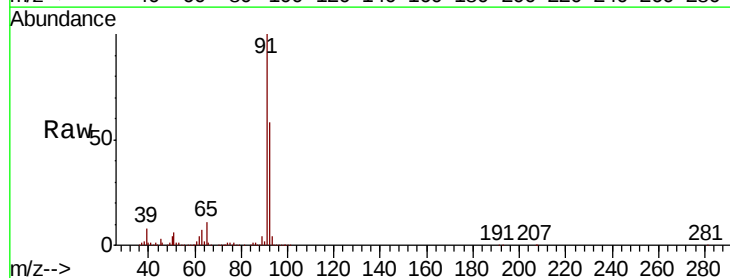
Acq: 06 Sep 2018 12:00

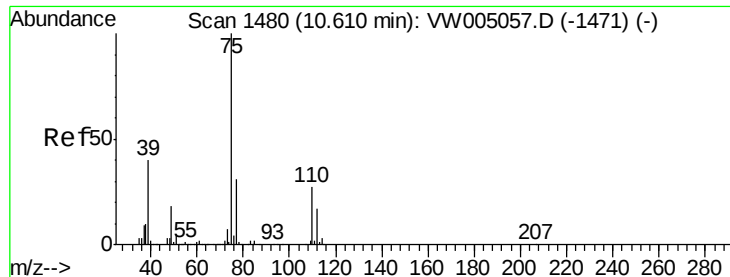
Tgt Ion: 92 Resp: 335154

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.94 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

Tot Ion: 75 Resp: 146761

Ion Ratio Lower Upper

75 100

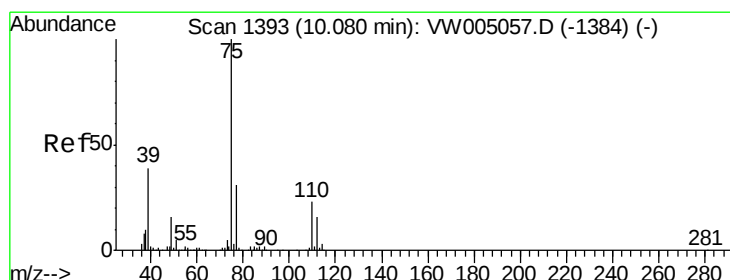
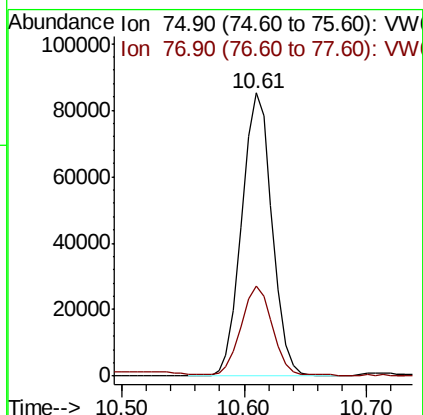
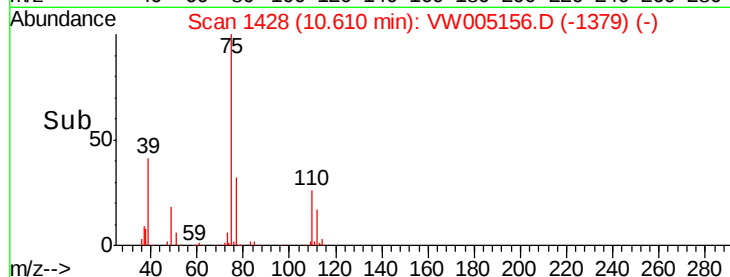
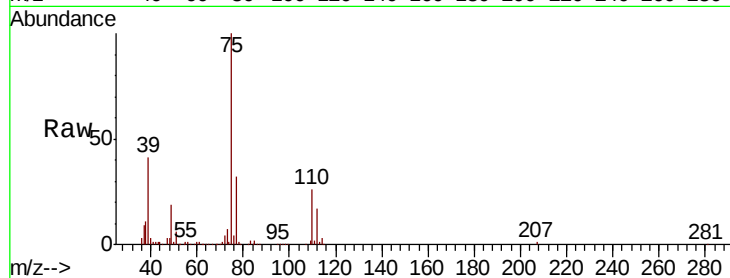
77 31.6 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 22.33 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

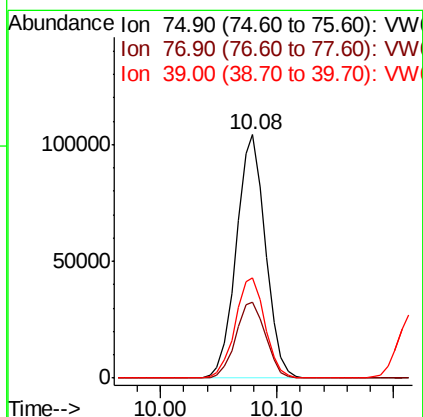
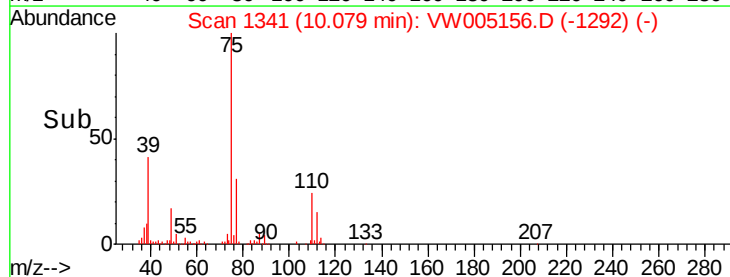
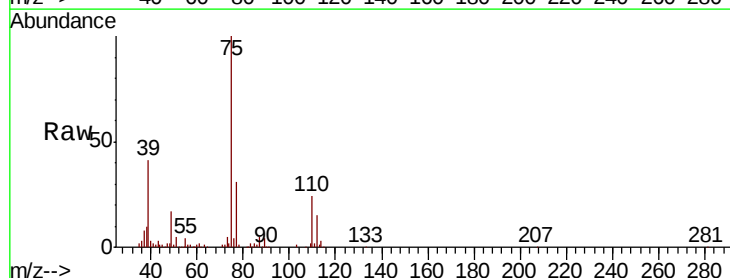
Tgt Ion: 75 Resp: 181659

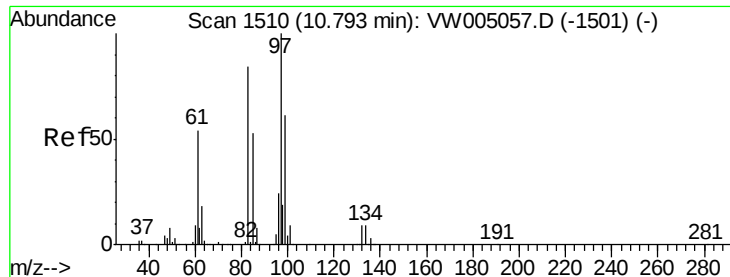
Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

39 41.3 31.0 46.6





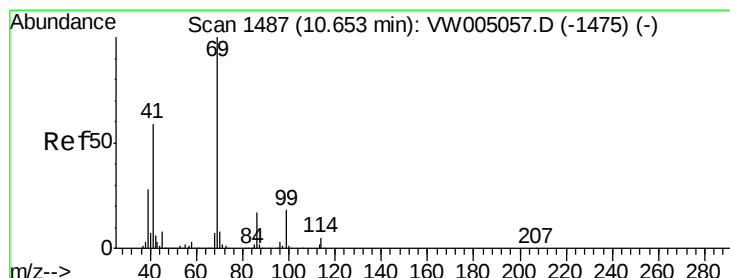
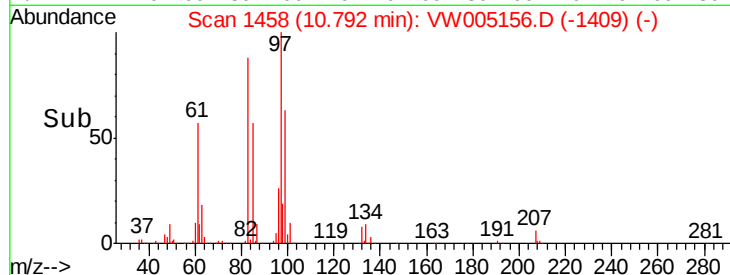
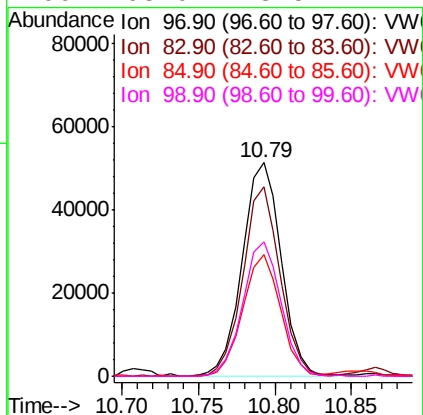
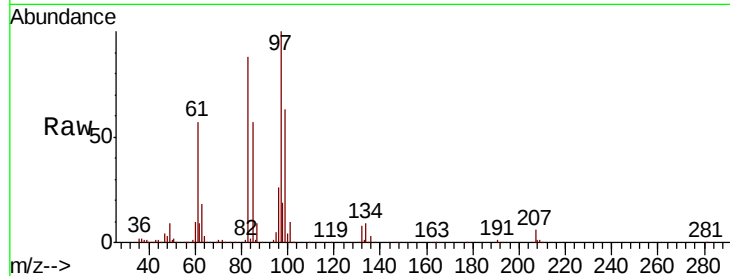
#55
 1,1,2-Trichloroethane
 Concen: 21.68 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion:	97	Resp:	90713
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.0	100.6
85	56.9	42.3	63.5
99	63.0	48.5	72.7

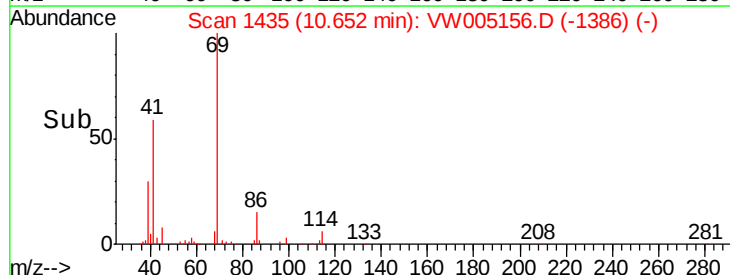
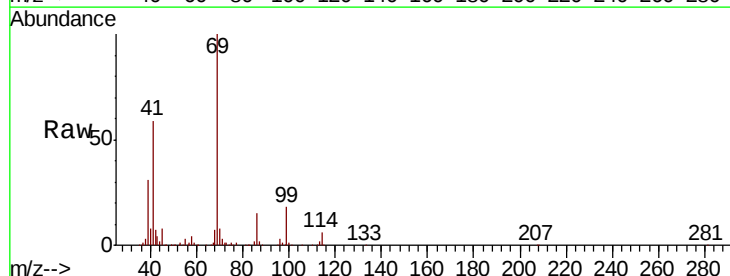
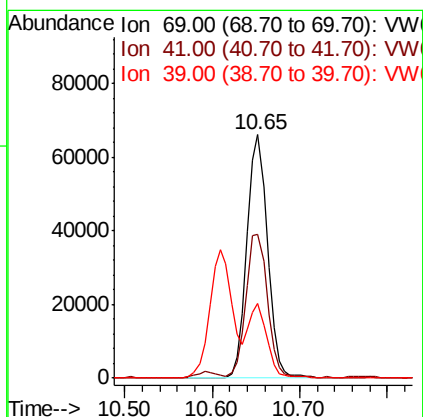
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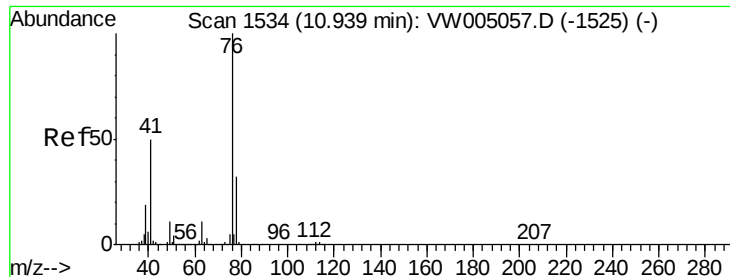
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#56
 Ethyl methacrylate
 Concen: 22.70 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion:	69	Resp:	108379
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.8	71.6
39	26.7	21.1	31.7





#57

1,3-Dichloropropane

Concen: 22.02 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 76 Resp: 151711

Ion Ratio Lower Upper

76 100

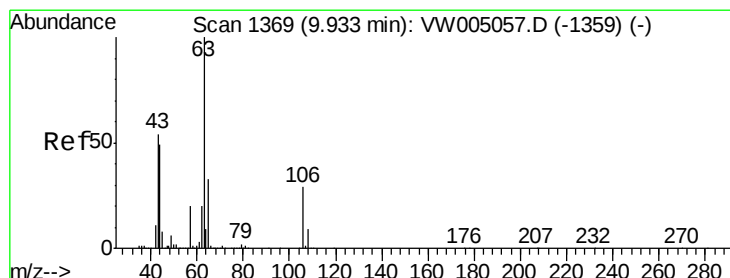
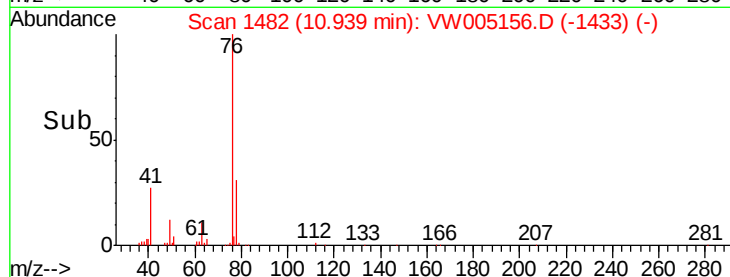
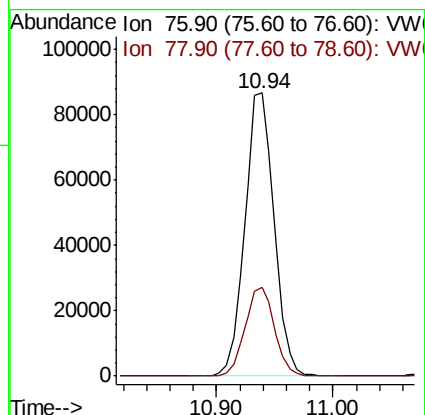
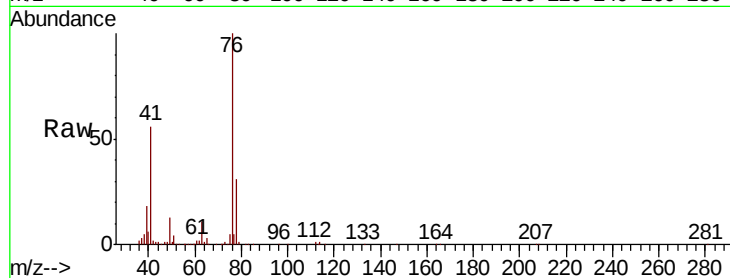
78 31.6 26.3 39.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 112.59 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005156.D

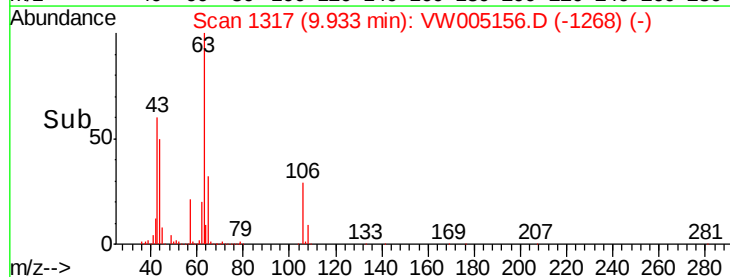
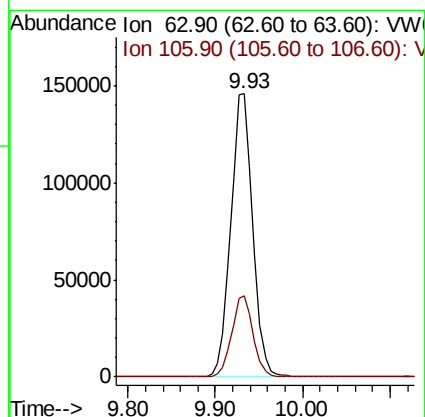
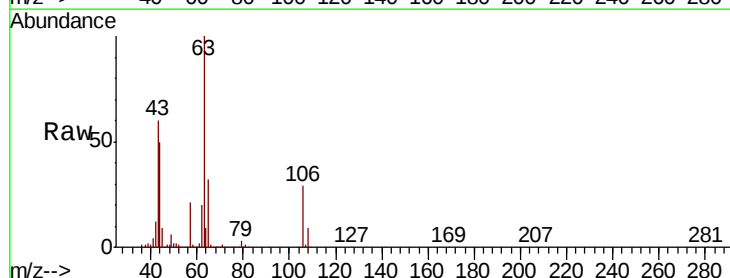
Acq: 06 Sep 2018 12:00

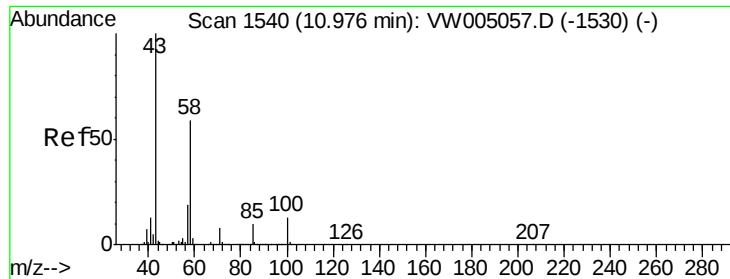
Tgt Ion: 63 Resp: 254733

Ion Ratio Lower Upper

63 100

106 27.9 23.1 34.7





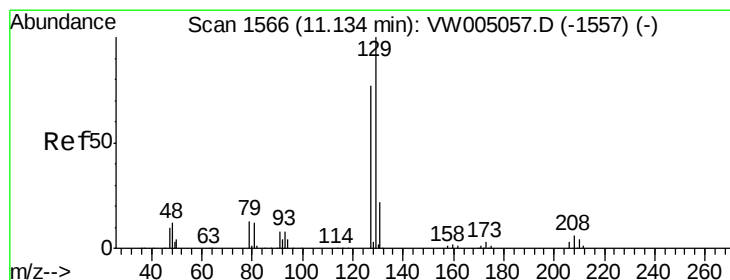
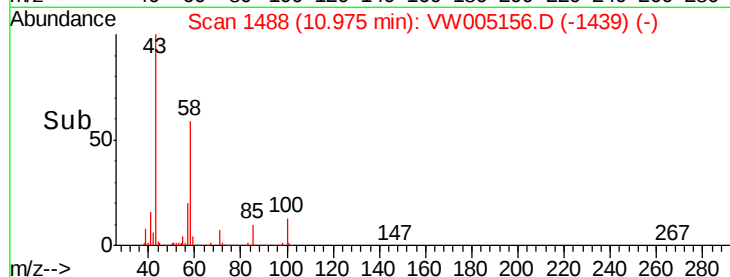
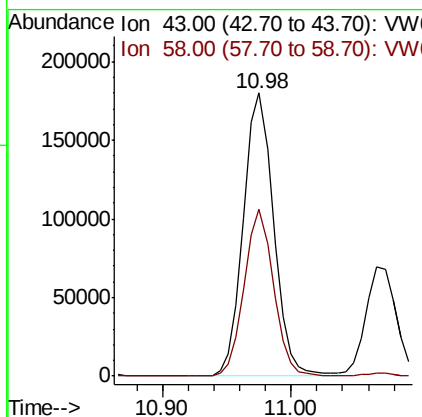
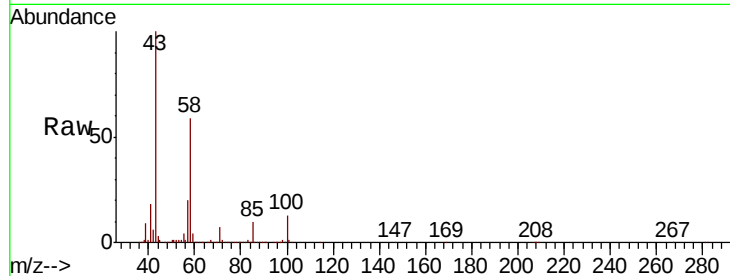
#59
2-Hexanone
Concen: 125.70 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

Tot Ion: 43 Resp: 293103
Ion Ratio Lower Upper
43 100
58 57.1 28.7 86.3

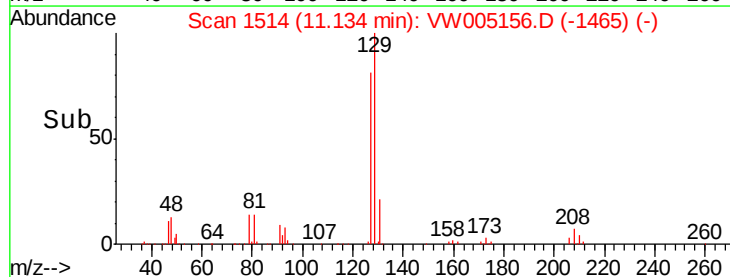
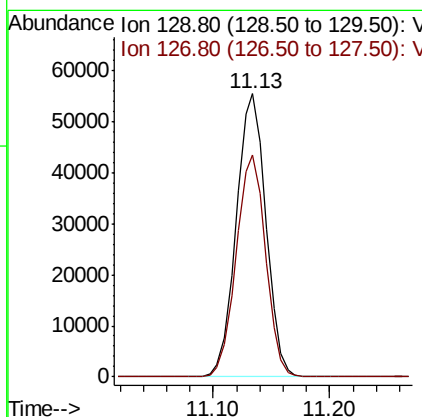
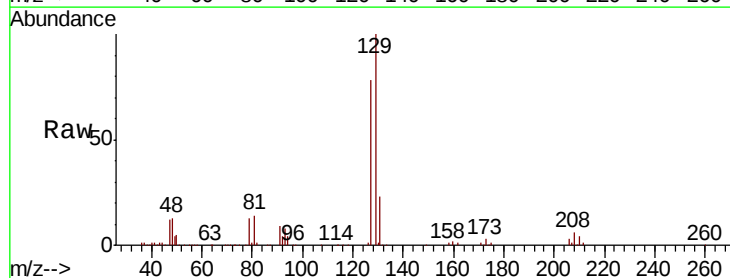
Manual Integrations
APPROVED

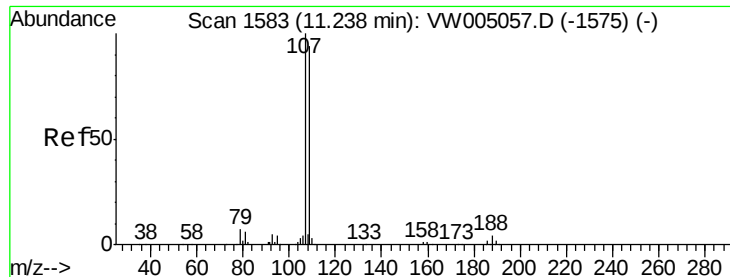
apatel
9/7/2018 12:29:07 PM



#60
Dibromochloromethane
Concen: 20.80 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 129 Resp: 98392
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





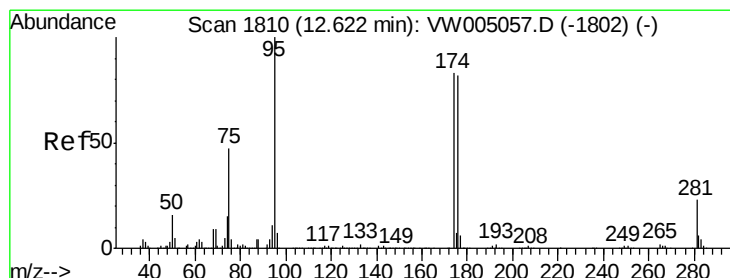
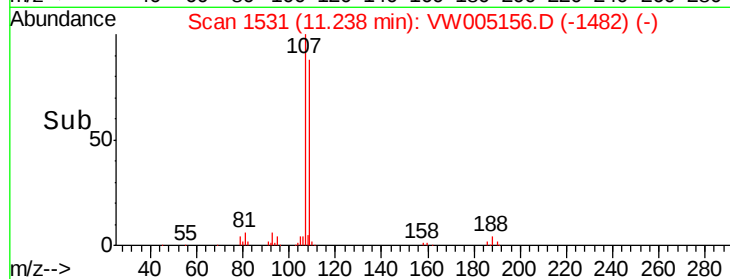
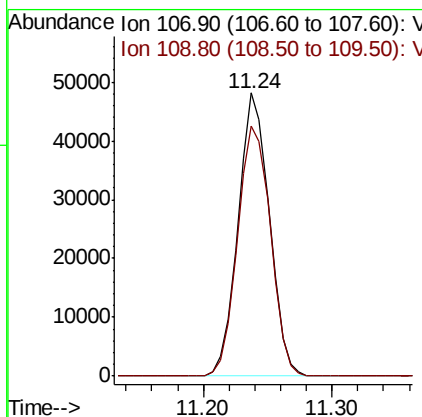
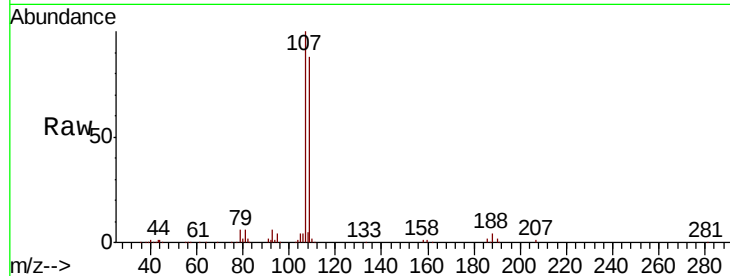
#61
 1,2-Dibromoethane
 Concen: 21.37 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampled :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.9	113.9

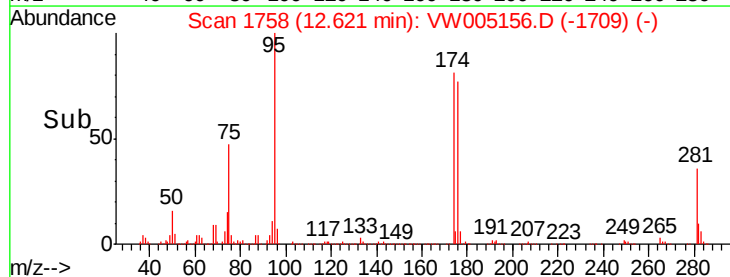
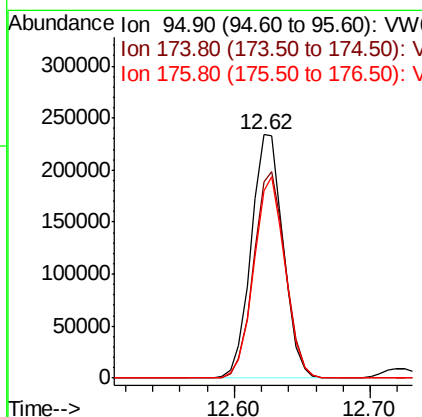
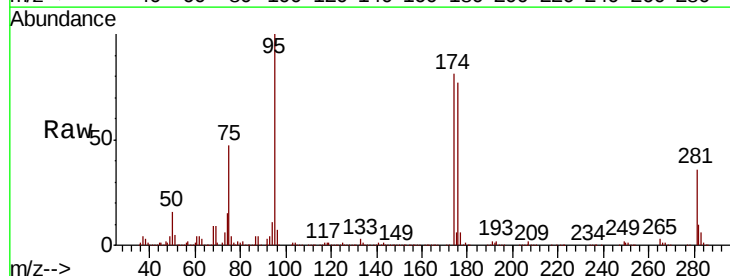
Manual Integrations
 APPROVED

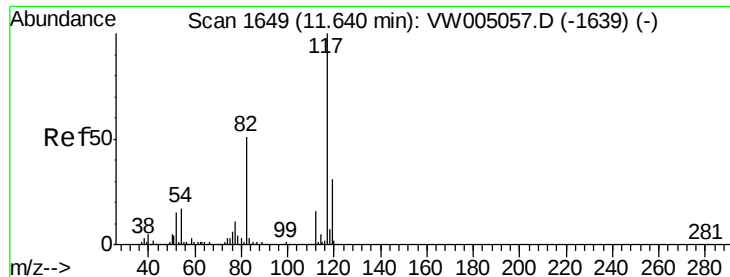
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.93 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	173.4
176	80.7	0.0	167.4





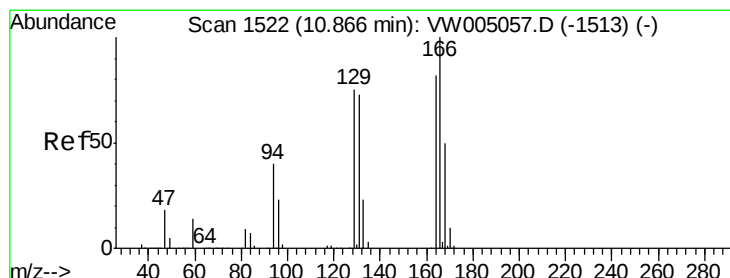
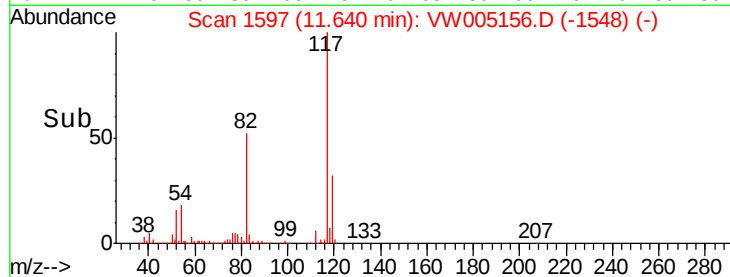
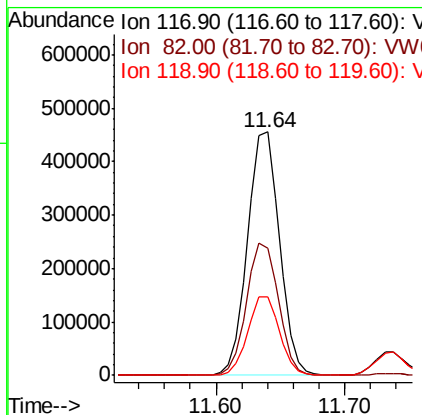
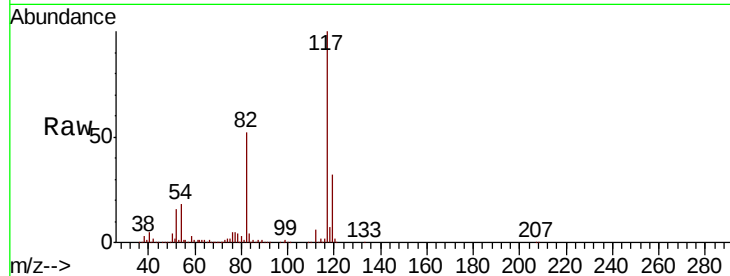
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	780816		
82	52.4		40.9	61.3
119	32.1		24.9	37.3

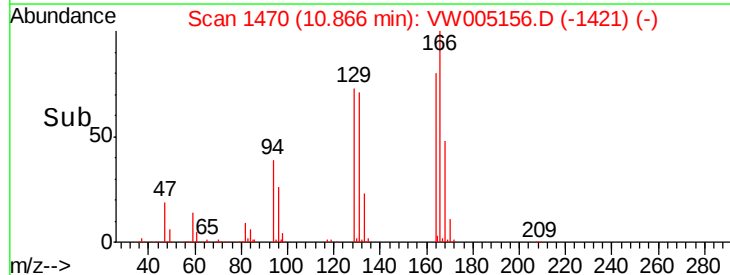
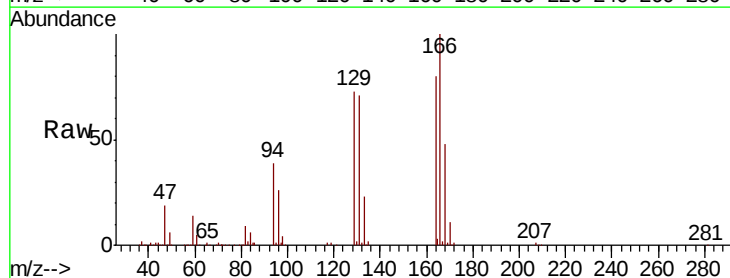
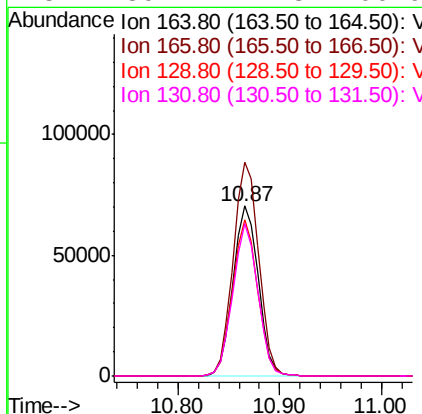
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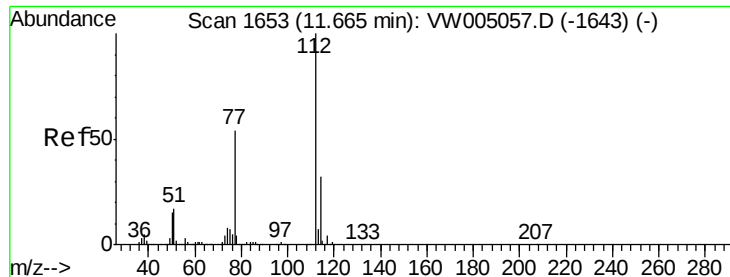
apatel
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#64
Tetrachloroethene
Concen: 19.58 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119953		
166	125.7		97.3	145.9
129	92.3		73.1	109.7
131	89.4		71.3	106.9





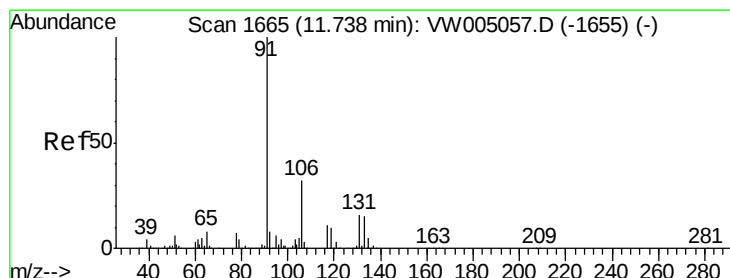
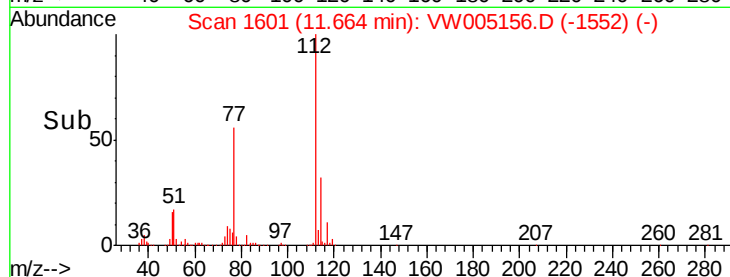
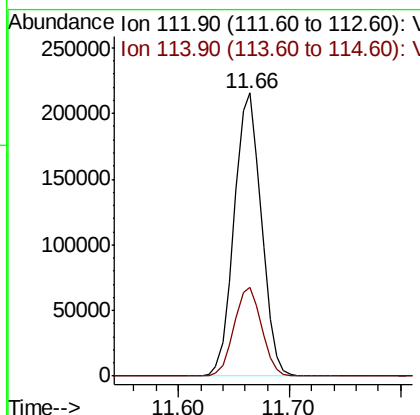
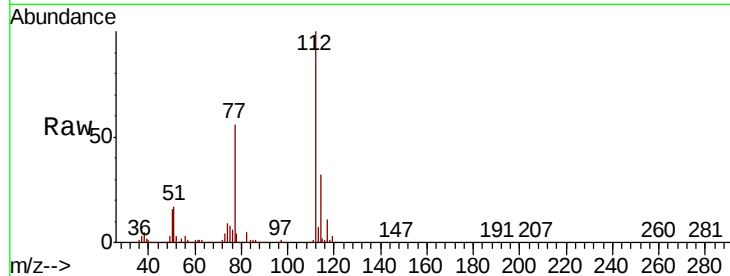
#65
Chlorobenzene
Concen: 20.70 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.0	39.0

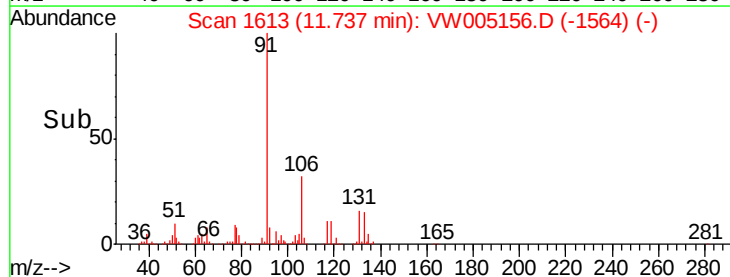
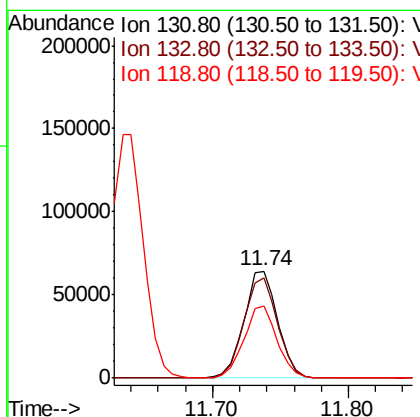
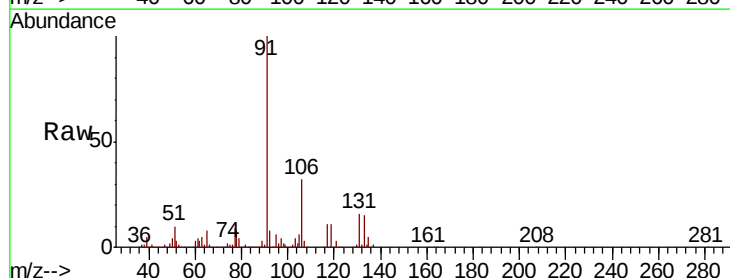
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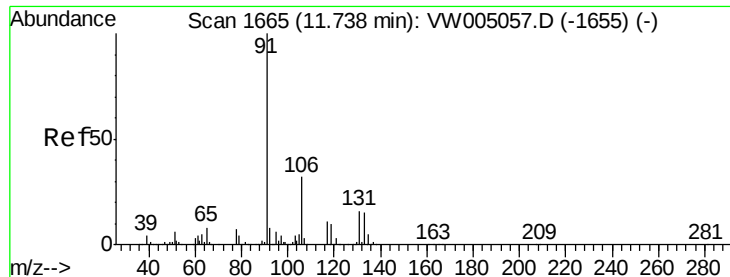
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.64 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.4	142.3
119	66.6	33.4	100.1





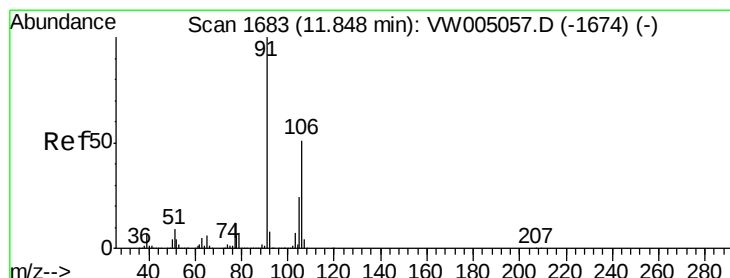
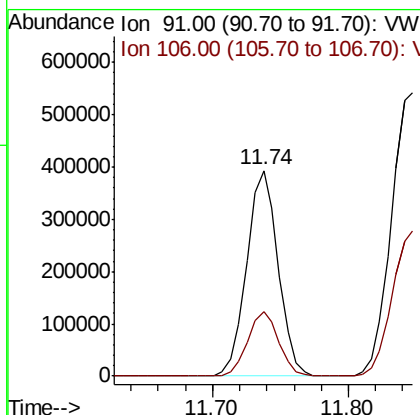
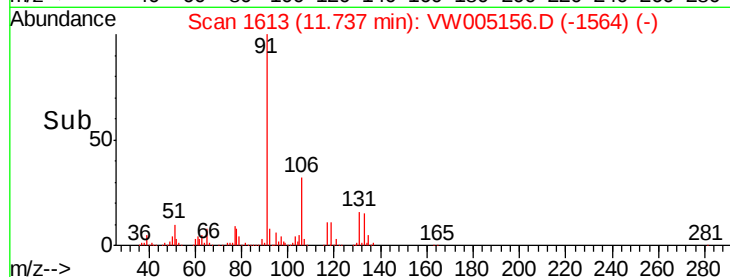
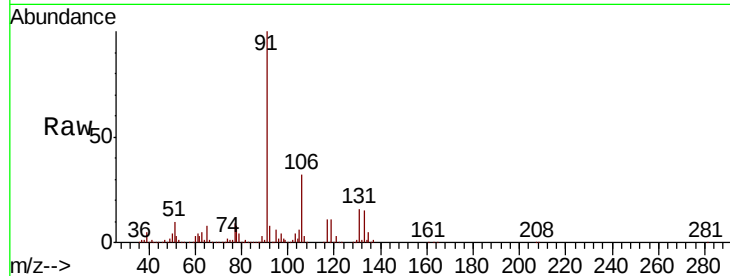
#67
Ethyl Benzene
Concen: 21.39 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

Tot Ion: 91 Resp: 635660
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9

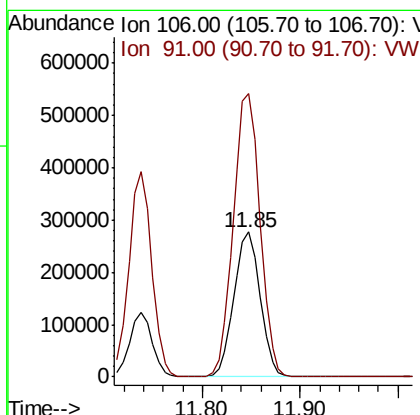
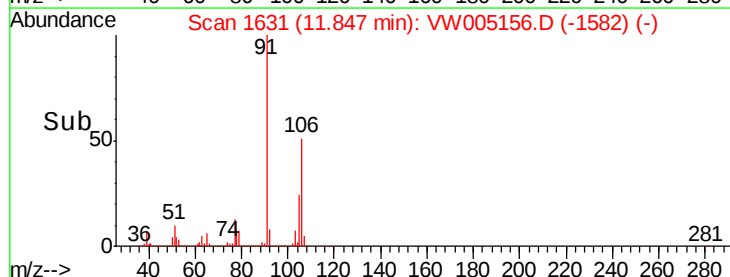
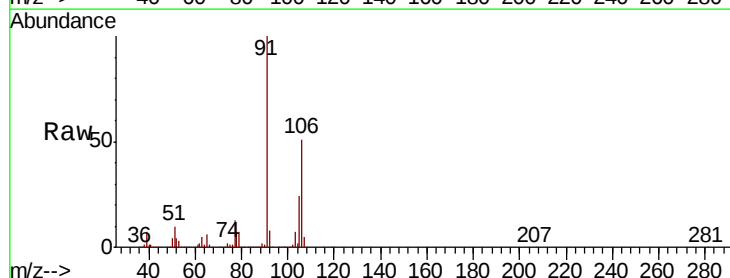
Manual Integrations
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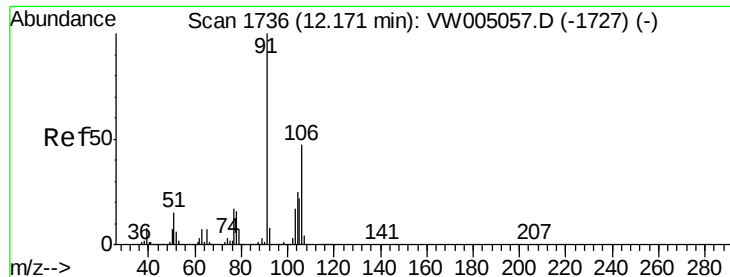
apatel
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#68
m/p-Xylenes
Concen: 43.44 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 106 Resp: 516848
Ion Ratio Lower Upper
106 100
91 198.8 158.4 237.6





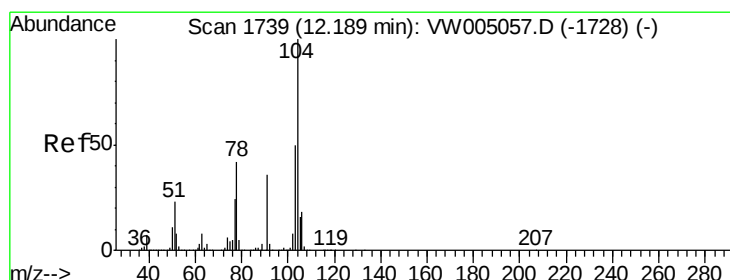
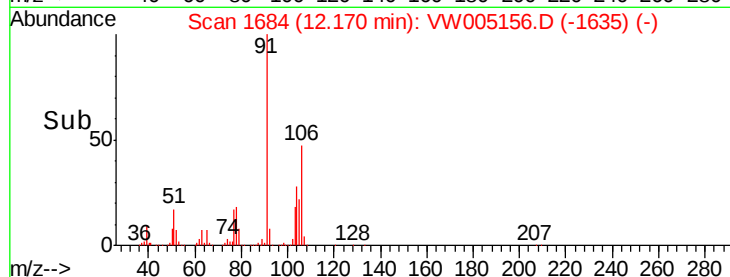
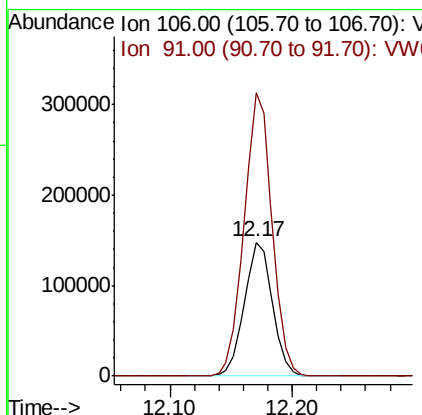
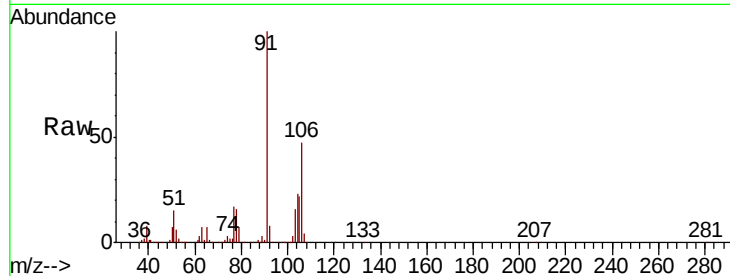
#69
o-Xylene
Concen: 21.39 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.2	105.6	316.8

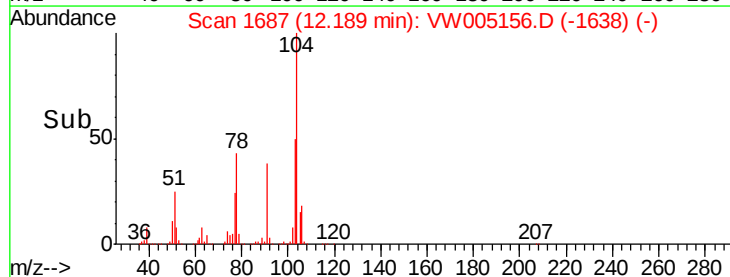
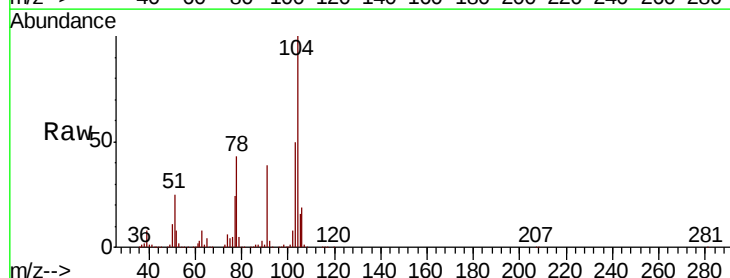
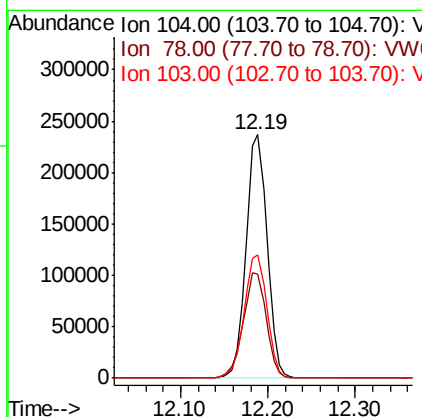
Manual Integrations
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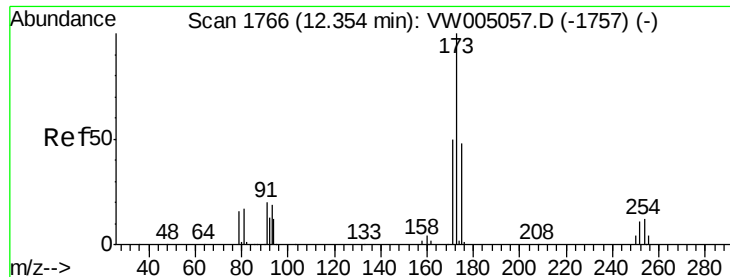
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#70
Styrene
Concen: 21.68 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.8	56.6
103	54.6	44.1	66.1





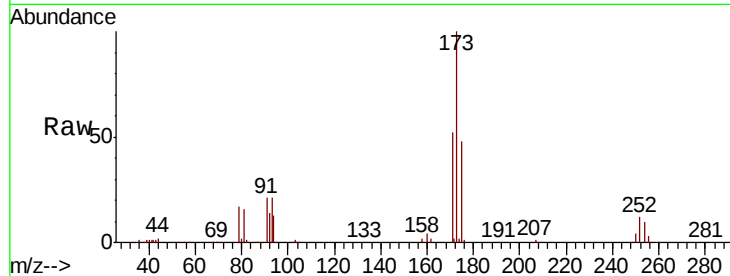
#71
Bromoform
Concen: 20.54 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.2
254	0.2	0.2	0.2

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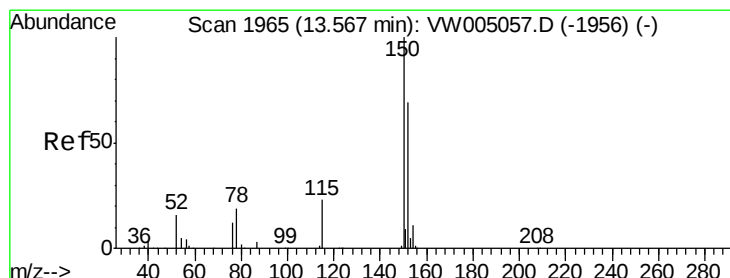
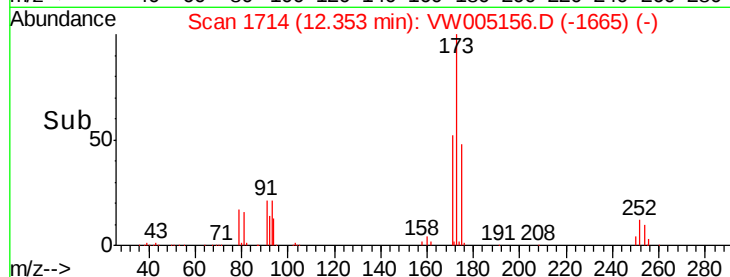
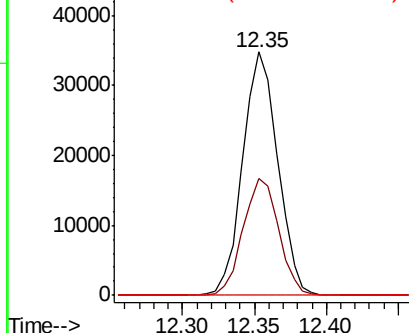


Abundance

Ion 172.70 (172.40 to 173.40): V

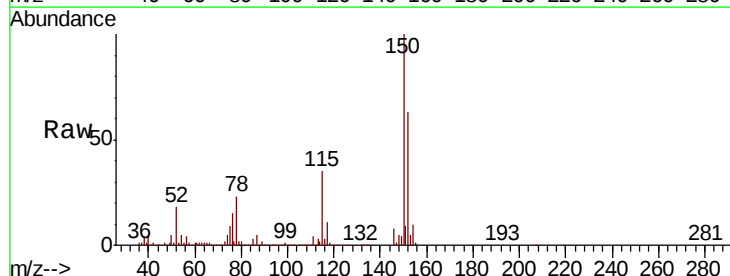
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	27.8	83.4
150	165.6	0.0	351.4

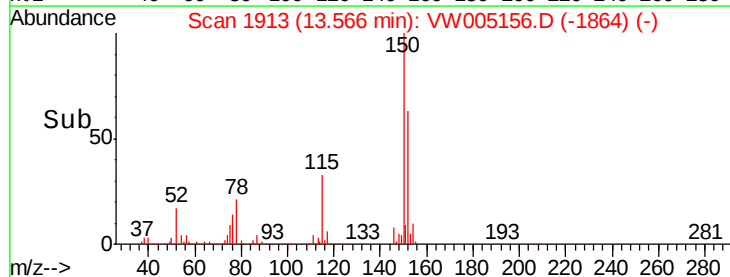
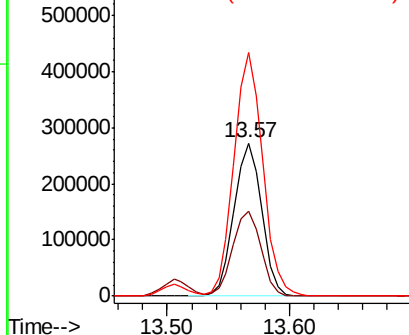


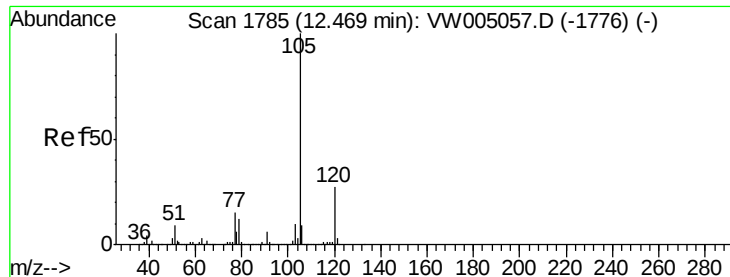
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.39 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 105 Resp: 641797

Ion Ratio Lower Upper

105 100

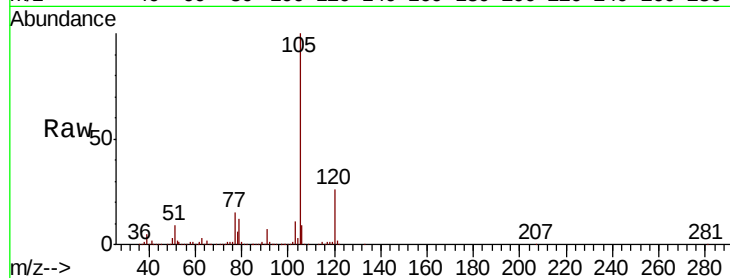
120 26.7 13.4 40.1

Manual Integrations

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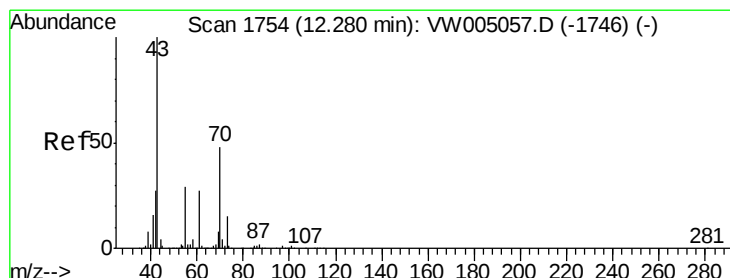
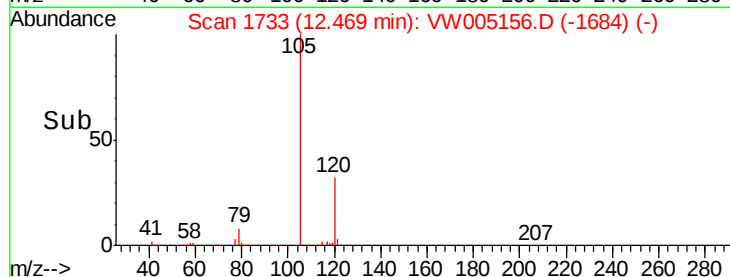
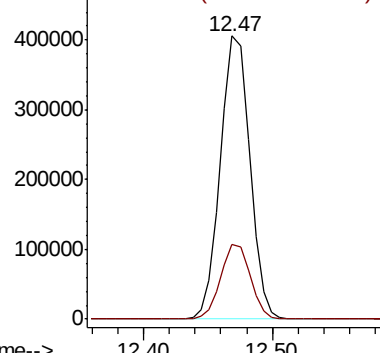
apatel

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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: 23.60 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion: 43 Resp: 121926

Ion Ratio Lower Upper

43 100

70 45.8 38.2 57.4

55 29.3 23.2 34.8

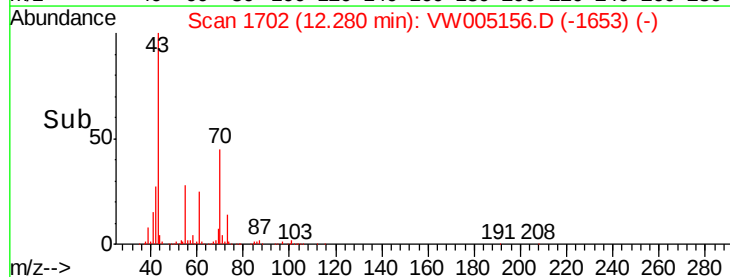
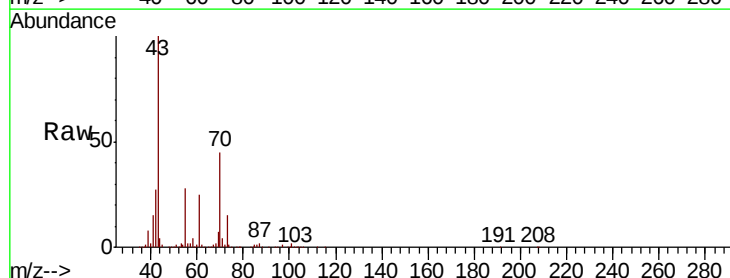
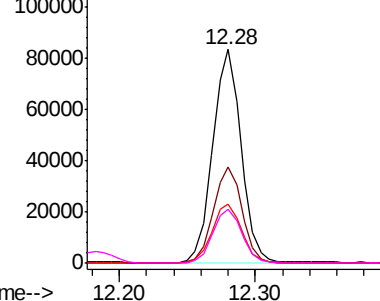
61 25.6 20.6 31.0

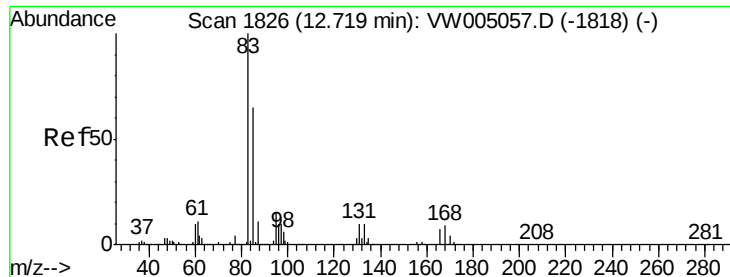
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 22.10 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

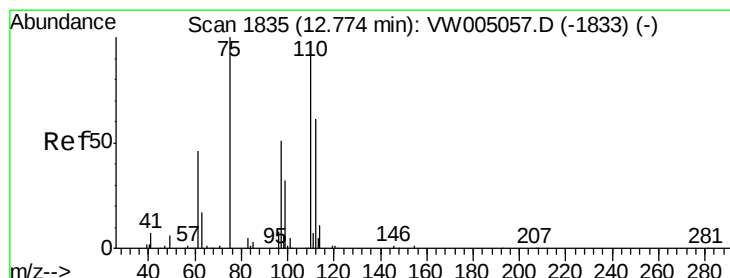
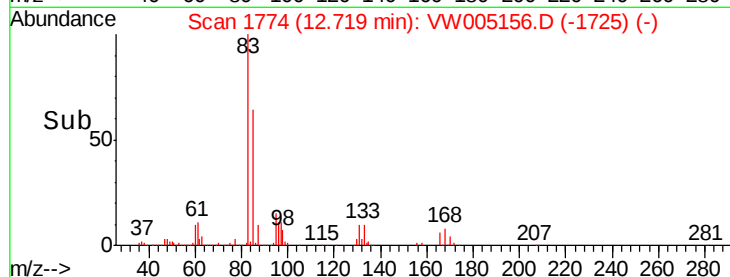
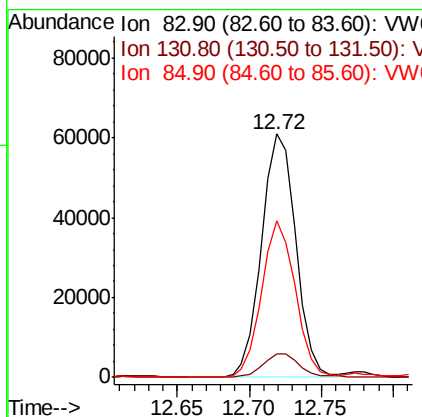
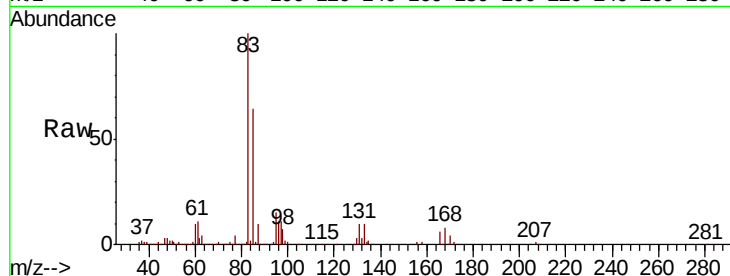
ClientSampled :

VW0906SBS01

Tot Ion:	83	Resp:	100922
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.4
85	62.8	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.43 ug/l m

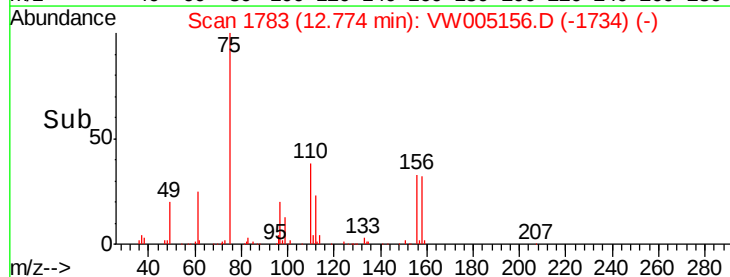
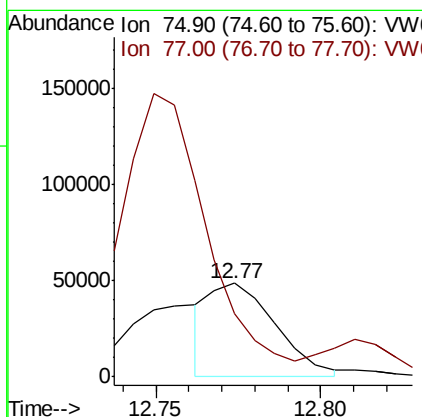
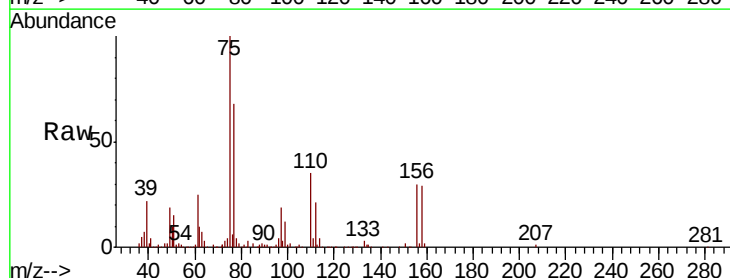
RT: 12.77 min Scan# 1783

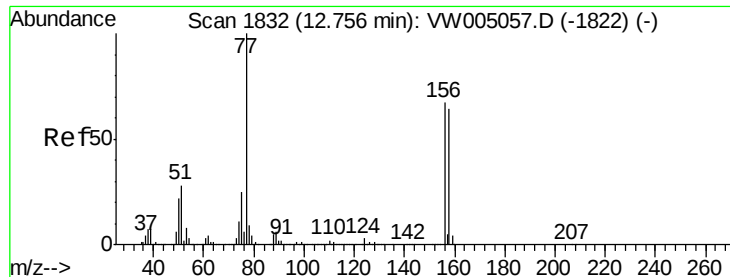
Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion:	75	Resp:	68443
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.19 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

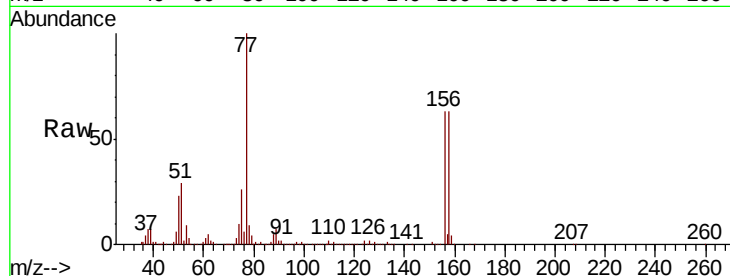
ClientSampleId :

VW0906SBS01

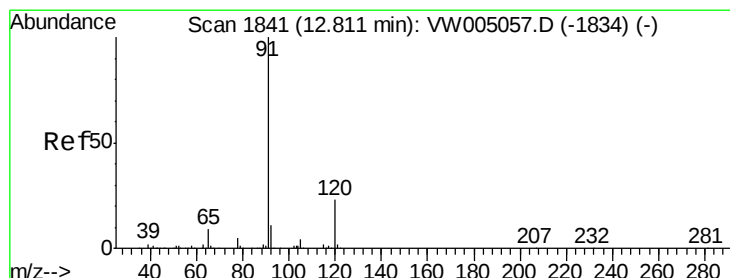
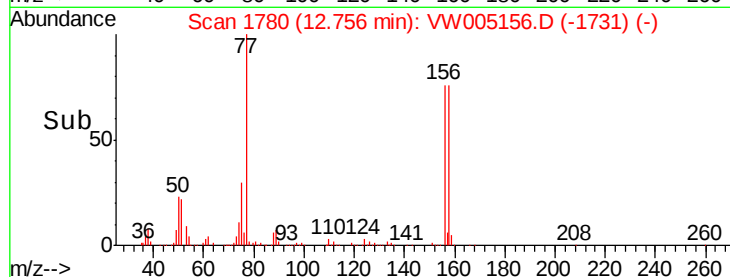
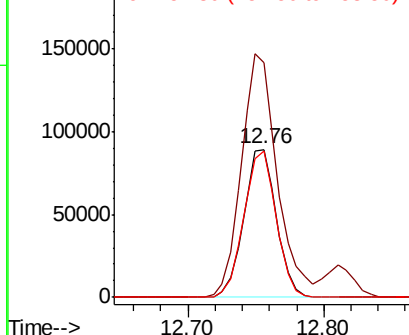
Tot Ion:	156	Resp:	149259
Ion Ratio	Lower	Upper	
156	100		
77	181.0	85.8	257.4
158	98.1	48.1	144.4

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Abundance Ion 155.80 (155.50 to 156.50): V
200000
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.98 ug/l

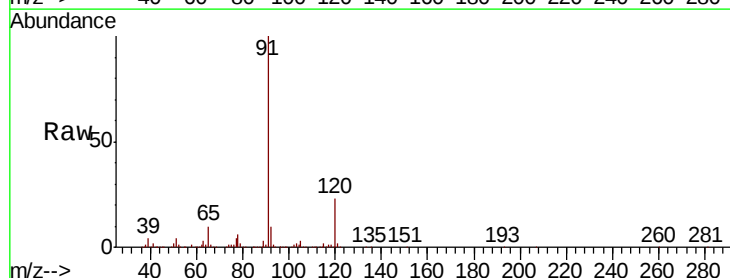
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

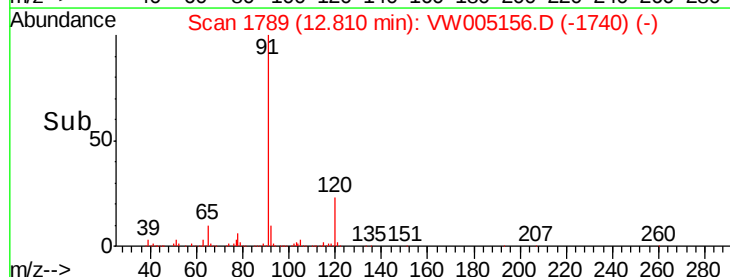
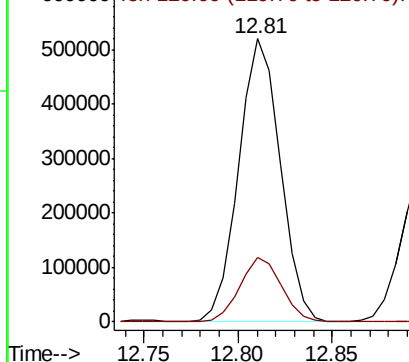
Lab File: VW005156.D

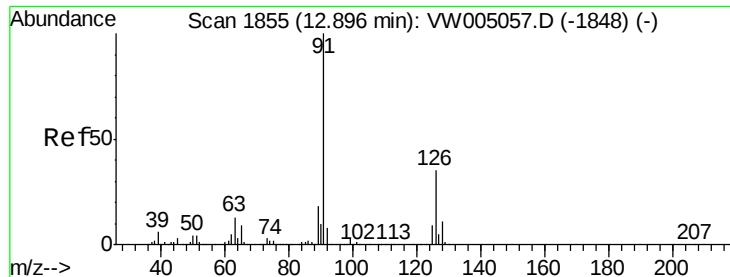
Acq: 06 Sep 2018 12:00

Tgt Ion:	91	Resp:	795902
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VW
600000
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.27 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion: 91 Resp: 449367

Ion Ratio Lower Upper

91 100

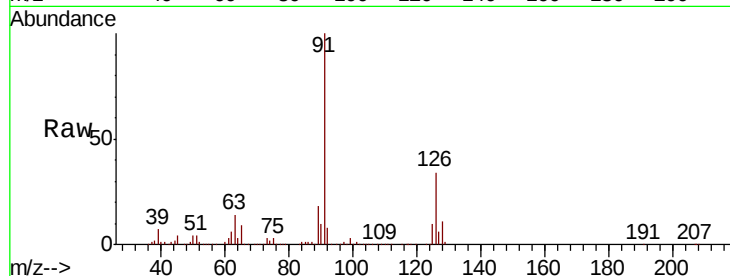
126 33.7 17.3 52.0

Manual Integrations

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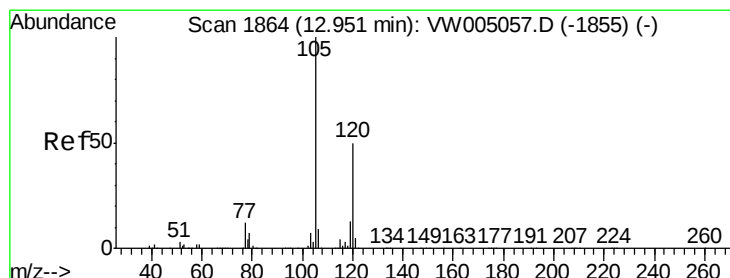
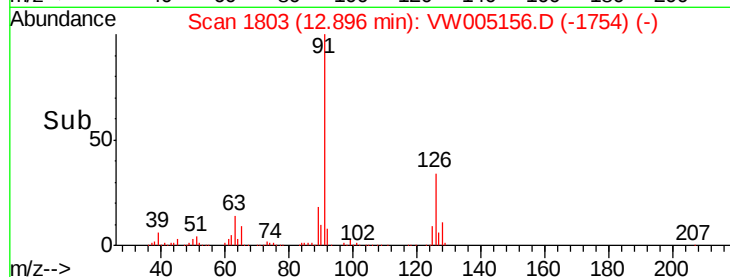
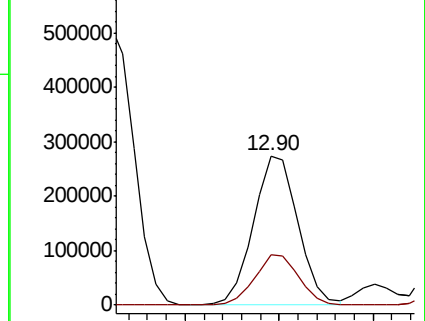
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.38 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005156.D

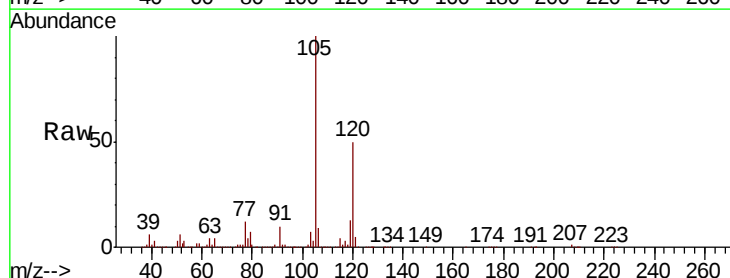
Acq: 06 Sep 2018 12:00

Tgt Ion:105 Resp: 554733

Ion Ratio Lower Upper

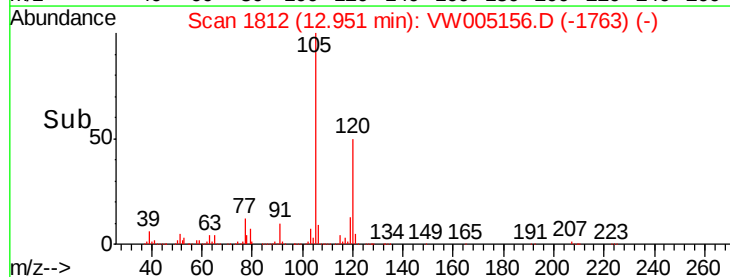
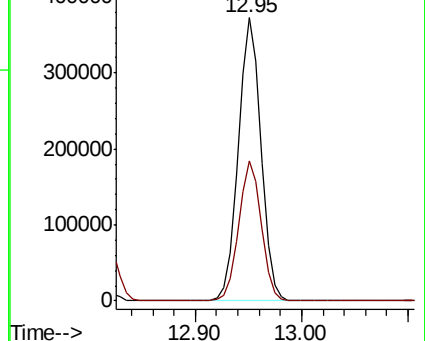
105 100

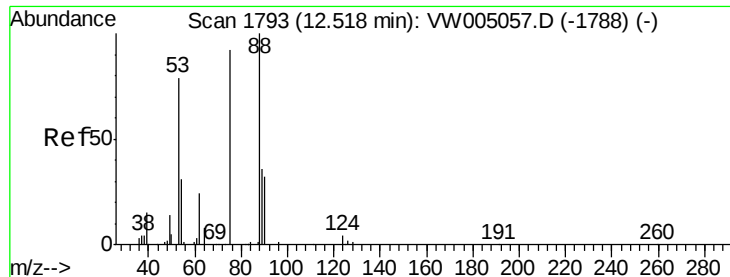
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





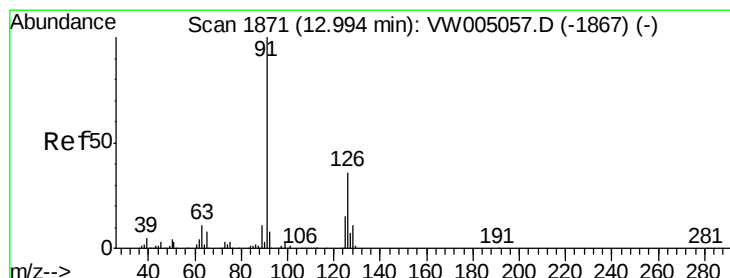
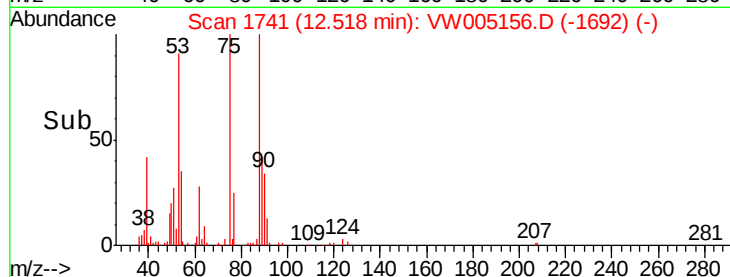
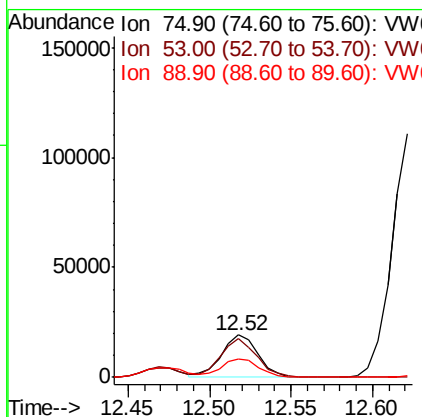
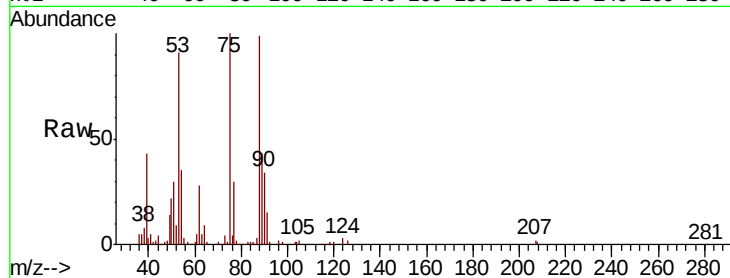
#81
trans-1,4-Dichloro-2-butene
Concen: 22.54 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	69.8	104.8
89	44.9	36.0	54.0

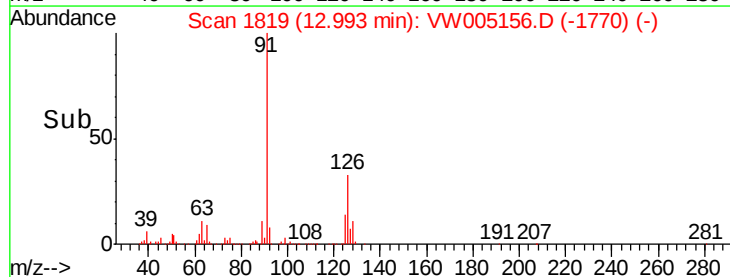
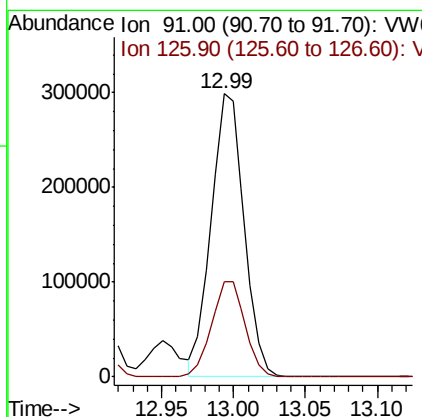
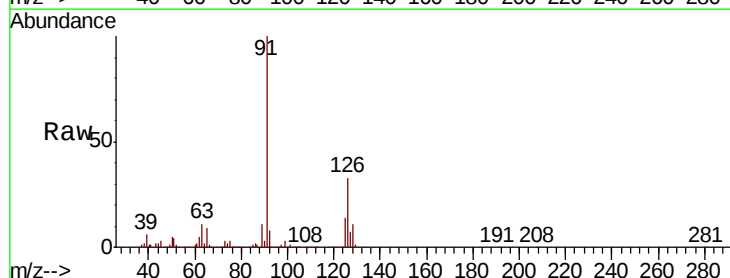
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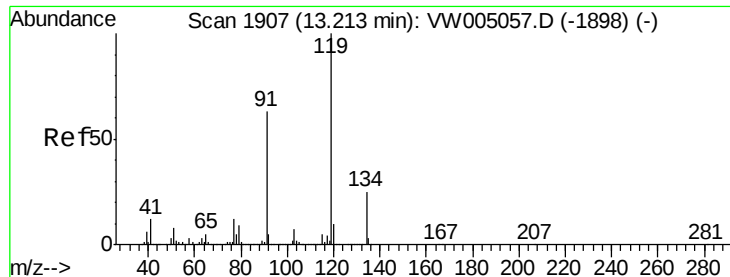
apatel
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#82
4-Chlorotoluene
Concen: 21.34 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.4	52.3





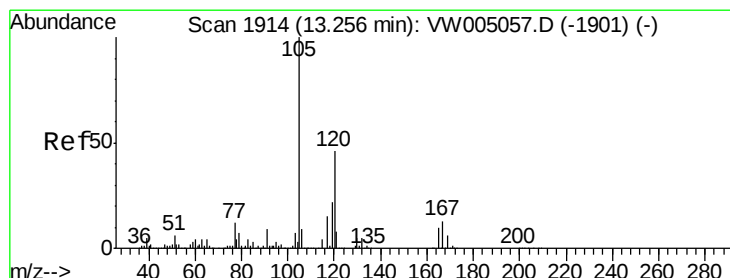
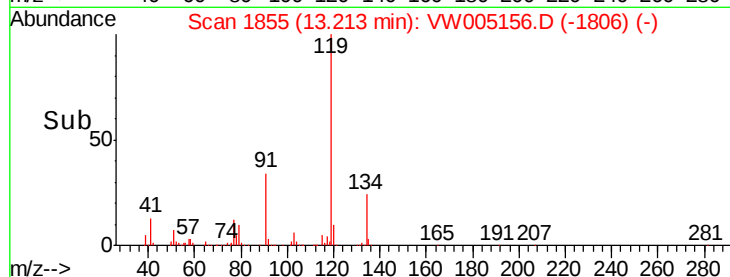
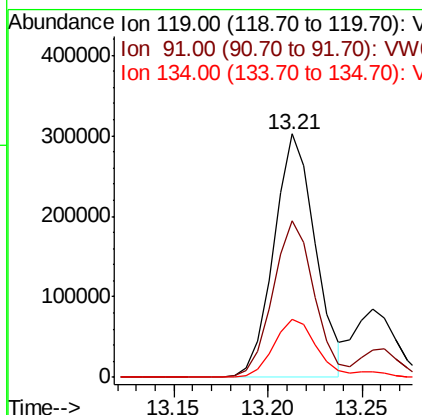
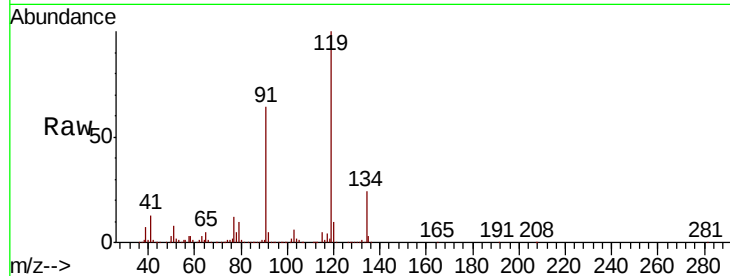
#83
tert-Butylbenzene
Concen: 21.34 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	462322		
91	64.7	31.8	95.4	
134	26.3	13.0	39.0	

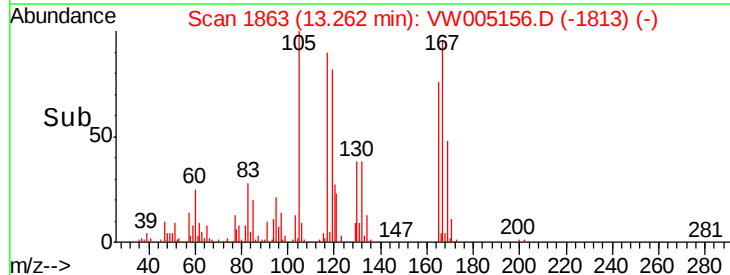
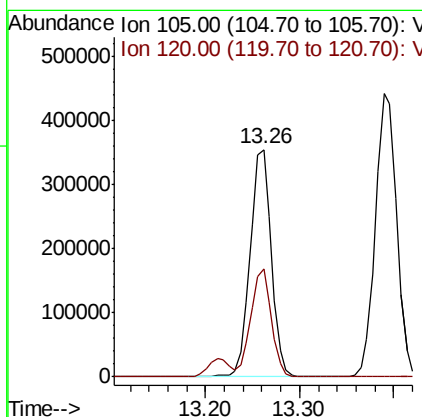
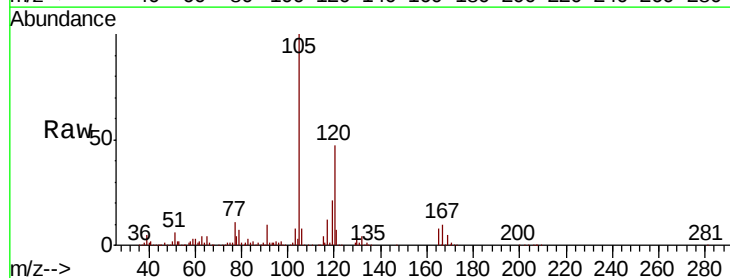
Manual Integrations
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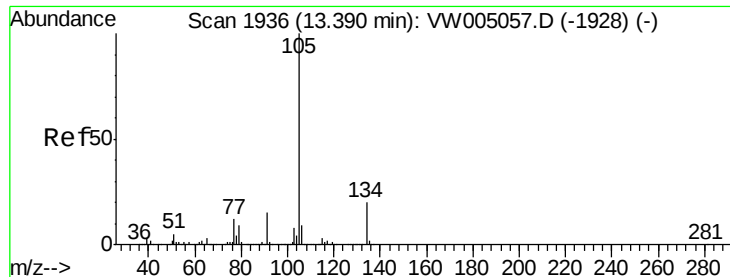
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 21.29 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562473		
120	45.8	23.1	69.3	





#85

sec-Butylbenzene

Concen: 21.62 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

Tot Ion:105 Resp: 688324

Ion Ratio Lower Upper

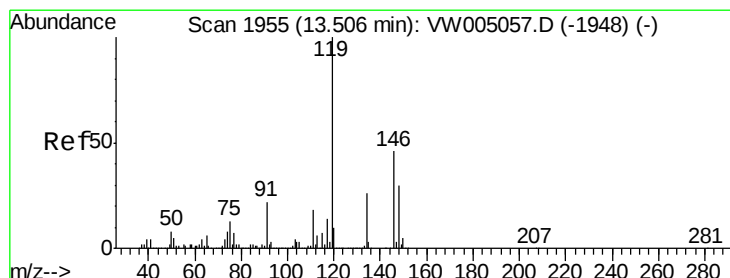
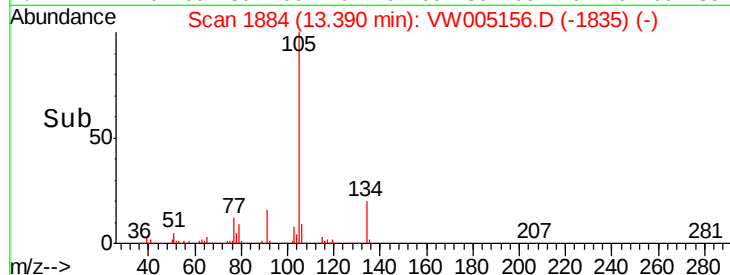
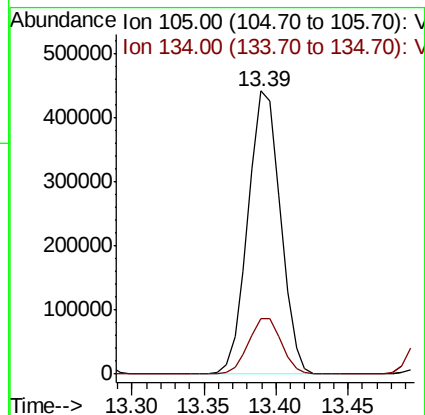
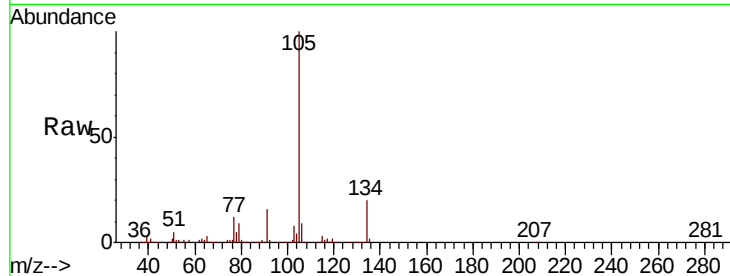
105 100

134 20.0 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 21.76 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

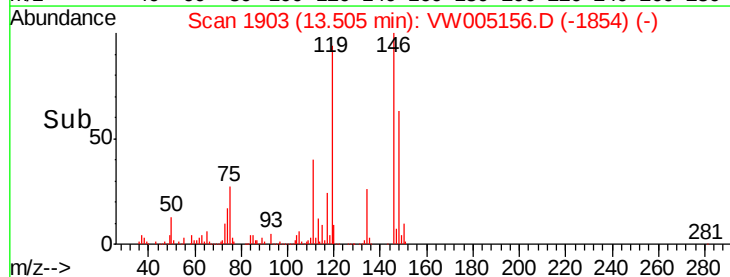
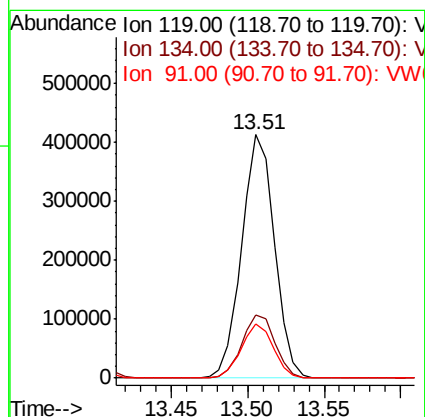
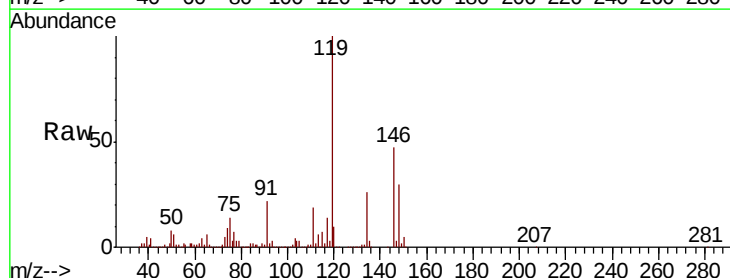
Tgt Ion:119 Resp: 613346

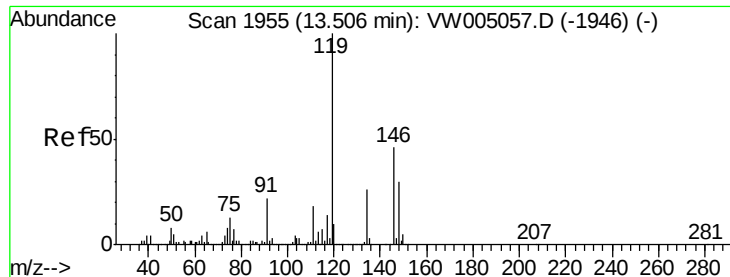
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 22.0 10.9 32.9





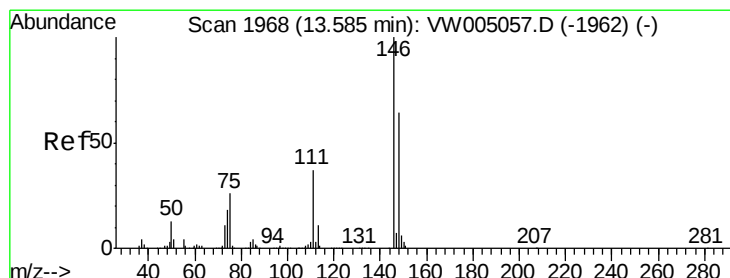
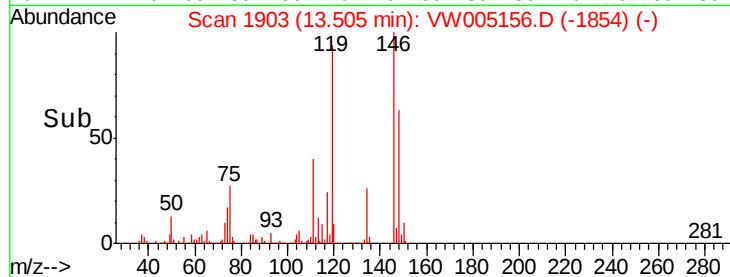
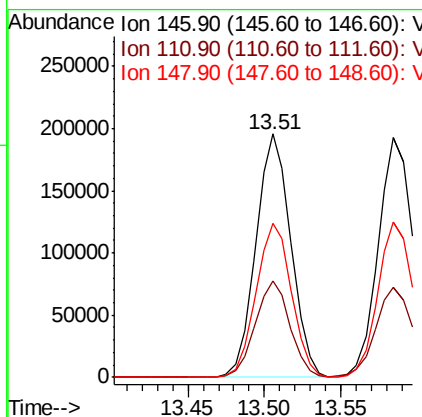
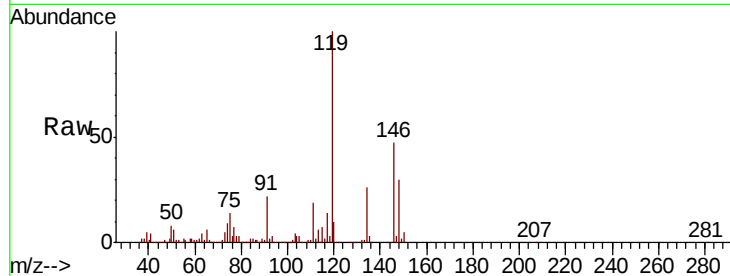
#87
 1,3-Dichlorobenzene
 Concen: 20.45 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.2	57.6
148	64.4	31.9	95.7

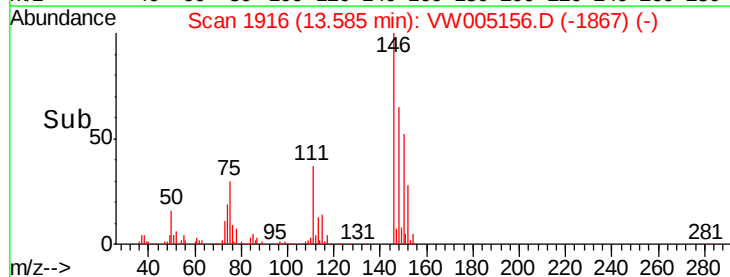
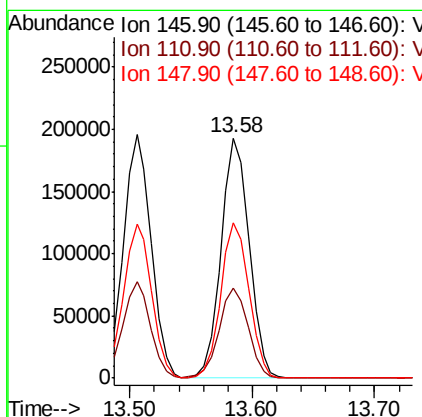
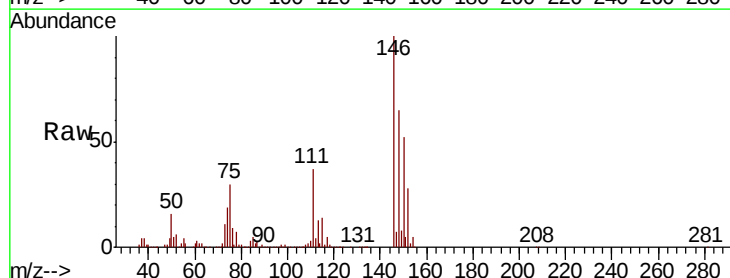
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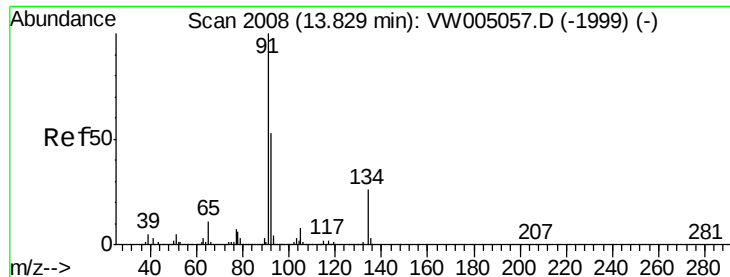
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#88
 1,4-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.6	56.0
148	65.1	32.0	96.0





#89

n-Butylbenzene

Concen: 21.94 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

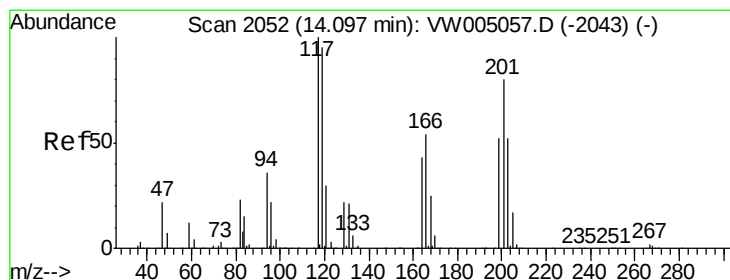
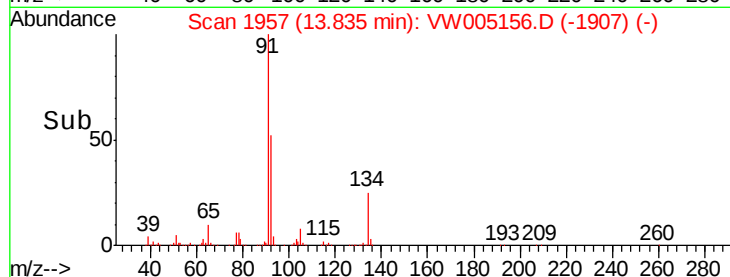
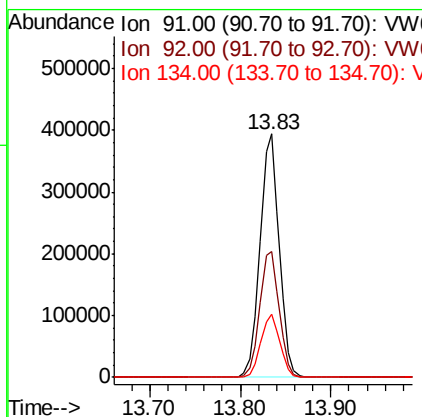
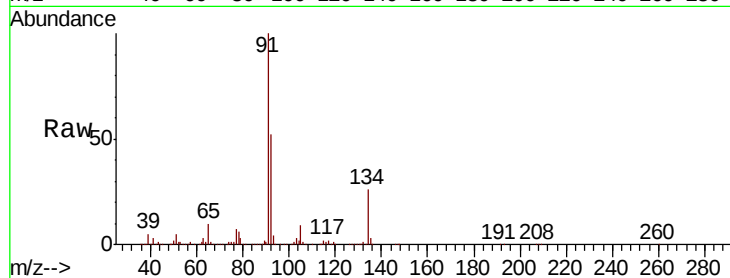
ClientSampled :

VW0906SBS01

Tot Ion:	91	Resp:	572952
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.5	79.5
134	26.0	13.5	40.4

Manual Integrations
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#90

Hexachloroethane

Concen: 20.49 ug/l

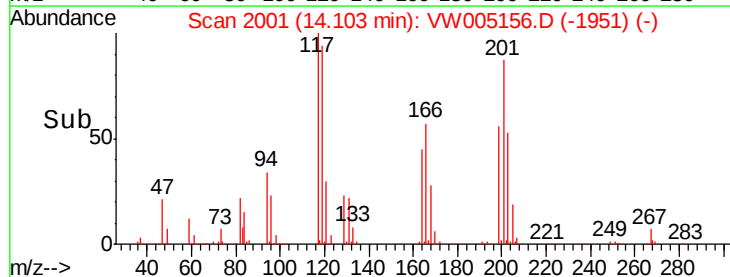
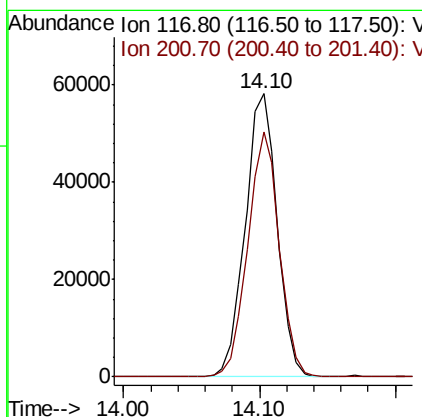
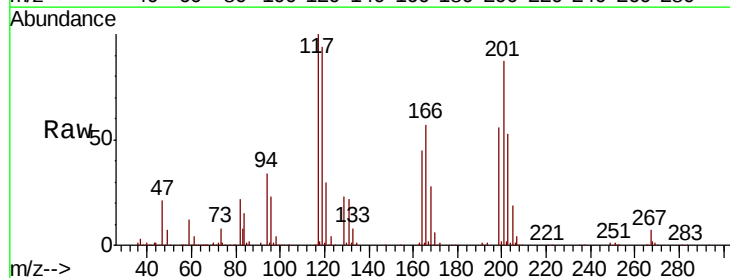
RT: 14.10 min Scan# 2001

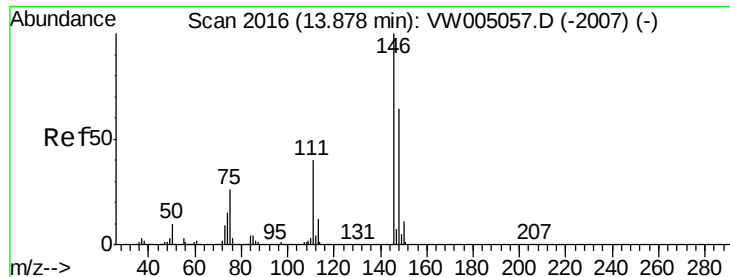
Delta R.T. 0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion:	117	Resp:	95938
Ion Ratio	Lower	Upper	
117	100		
201	84.9	44.6	133.8





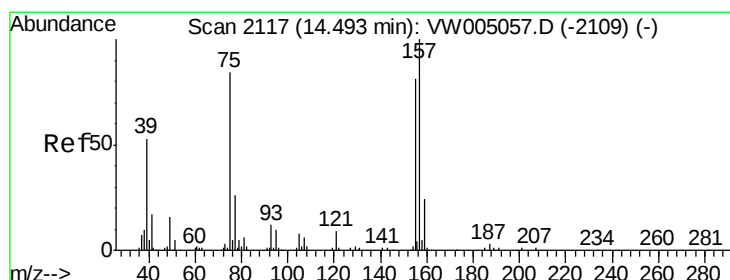
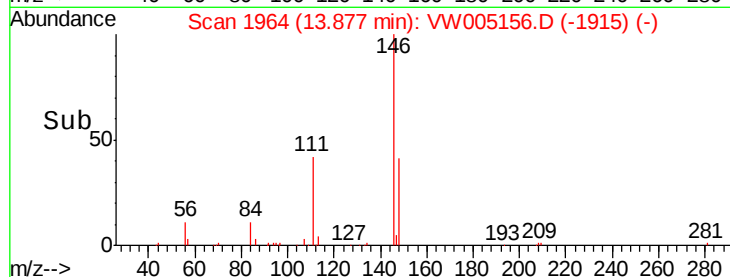
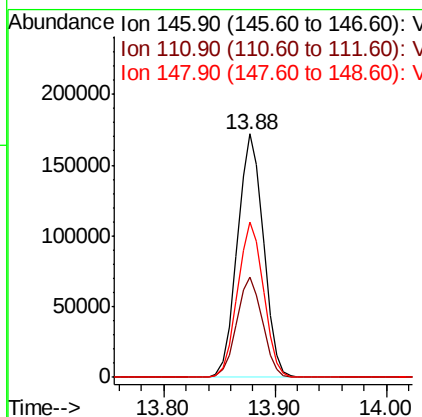
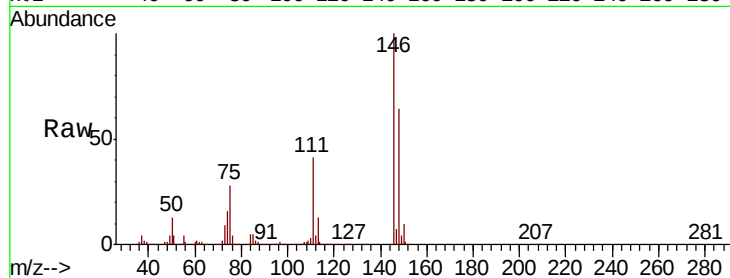
#91
 1,2-Dichlorobenzene
 Concen: 20.95 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	277325		
111	40.7	19.9	59.7	
148	63.9	31.9	95.9	

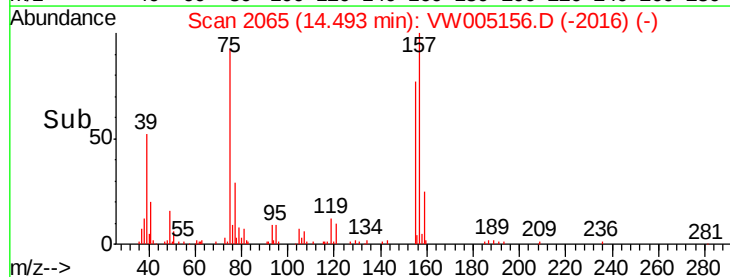
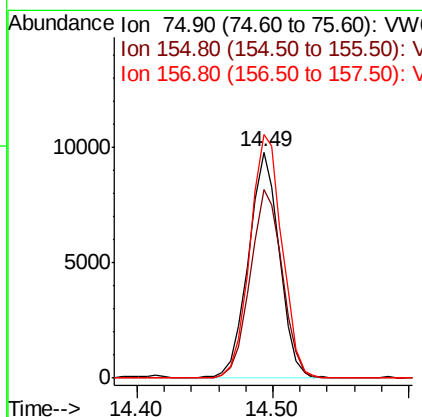
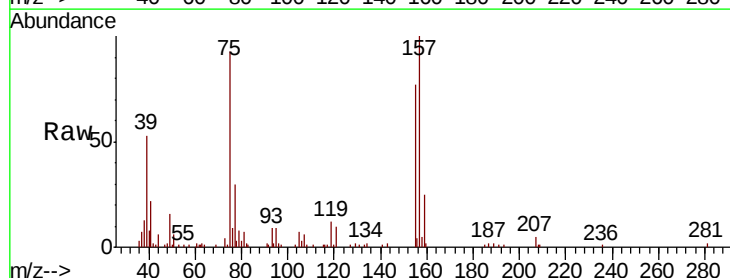
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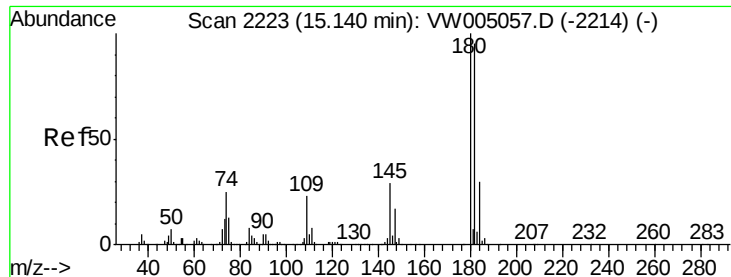
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.90 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15627		
155	85.9	46.0	137.8	
157	111.2	58.6	175.7	





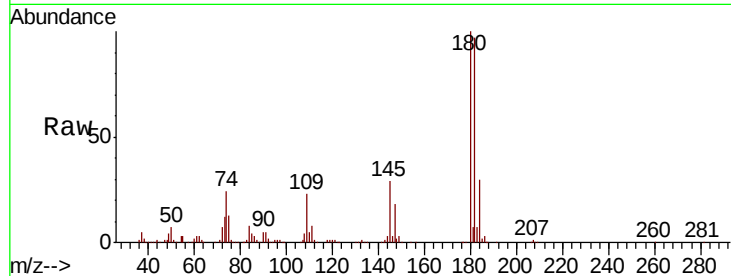
#93
 1,2,4-Trichlorobenzene
 Concen: 20.89 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	185377		
182	95.6	47.5	142.6	
145	29.8	14.4	43.2	

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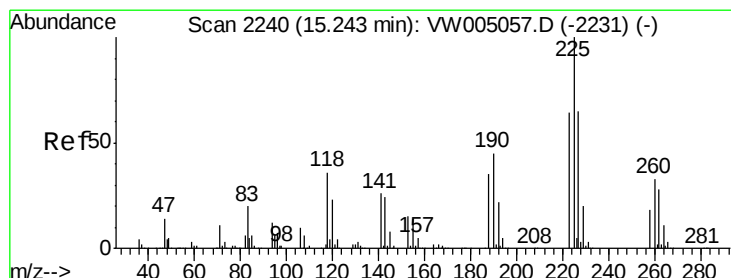
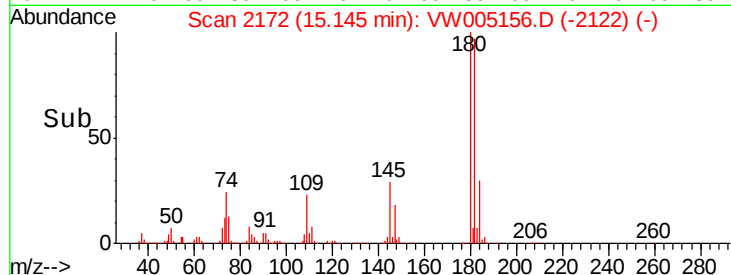
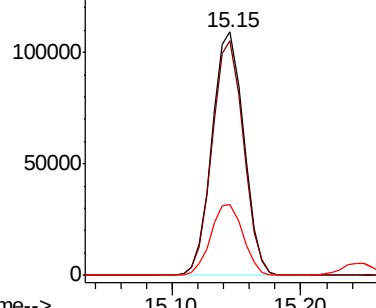


Abundance

Ion 179.80 (179.50 to 180.50): V

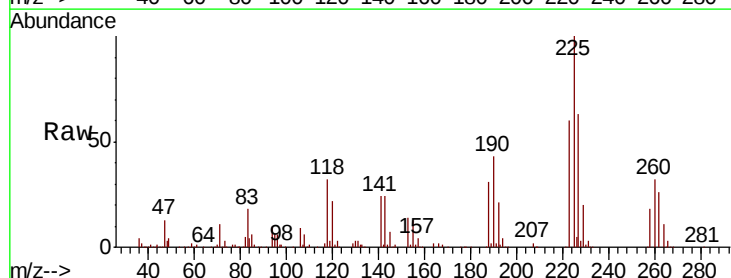
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.38 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118016		
223	62.5	31.4	94.3	
227	64.1	32.0	96.0	

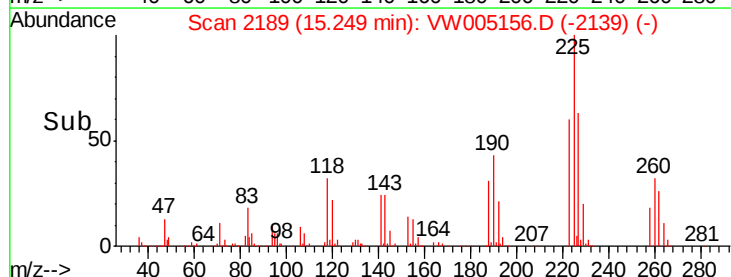
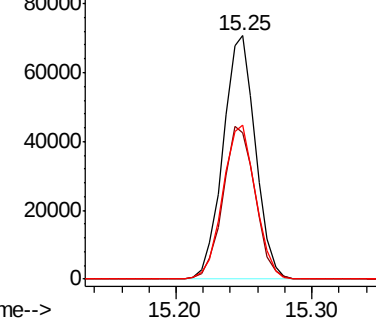


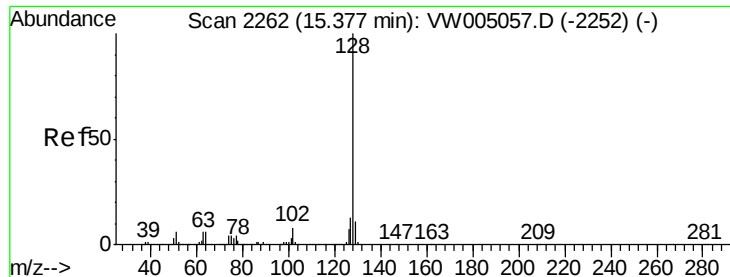
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.83 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

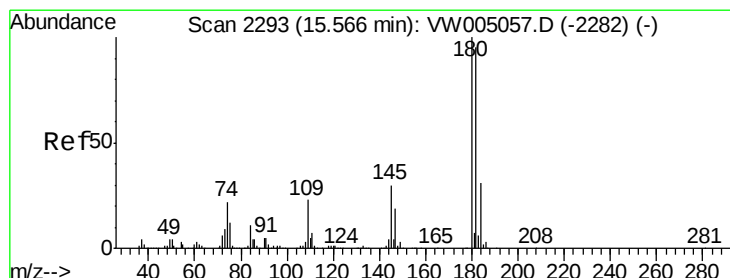
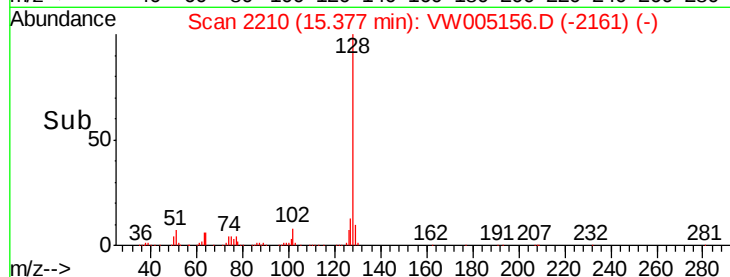
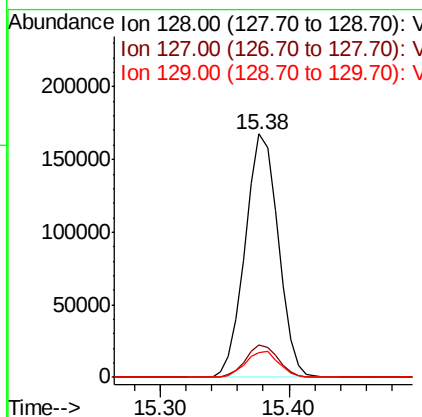
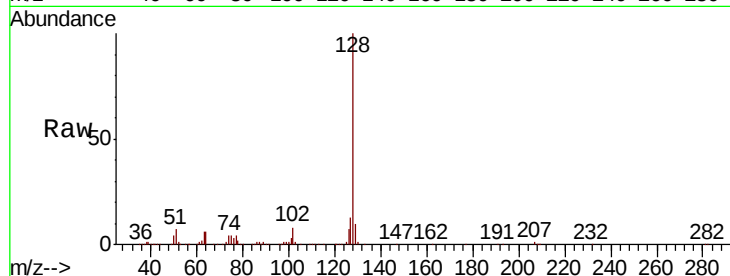
ClientSampleId :

VW0906SBS01

Tot Ion:	128	Resp:	297430
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.8	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 21.37 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion:	180	Resp:	162275
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.4	142.3
145	30.5	15.4	46.1

