

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005476.D
 Acq On : 18 Sep 2018 14:07
 Operator : SY/AP
 Sample : VW0918SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Manual Integrations
 APPROVED

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 9/19/2018 11:25:36 AM

Quant Time: Sep 18 16:58:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	337865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	502672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	481542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	245097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153153	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	7.89	113	129562	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.33	98	635964	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	231475	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	73666	23.38	ug/l	99
3) Chloromethane	2.21	50	97300	24.40	ug/l	100
4) Vinyl Chloride	2.36	62	85632	22.92	ug/l	98
5) Bromomethane	2.77	94	50041	18.48	ug/l	97
6) Chloroethane	2.92	64	46909	21.19	ug/l	97
7) Trichlorofluoromethane	3.26	101	101472	20.50	ug/l	100
8) Diethyl Ether	3.69	74	32736	22.26	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	64367	22.30	ug/l	98
10) Methyl Iodide	4.28	142	59902	19.05	ug/l	97
11) Tert butyl alcohol	5.19	59	22732	95.59	ug/l	96
12) 1,1-Dichloroethene	4.04	96	58303	22.30	ug/l	94
13) Acrolein	3.90	56	19762	128.83	ug/l	98
14) Allyl chloride	4.68	41	117329	24.12	ug/l	93
15) Acrylonitrile	5.38	53	76445	113.62	ug/l	98
16) Acetone	4.14	43	66204	122.05	ug/l	97
17) Carbon Disulfide	4.39	76	199503	21.67	ug/l	99
18) Methyl Acetate	4.68	43	36163	21.46	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	147696	20.81	ug/l	99
20) Methylene Chloride	4.92	84	88116	22.13	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	67319	21.56	ug/l	95
22) Diisopropyl ether	6.32	45	228309	23.88	ug/l	97
23) Vinyl Acetate	6.26	43	652418	119.74	ug/l	99
24) 1,1-Dichloroethane	6.23	63	126974	21.88	ug/l	99
25) 2-Butanone	7.18	43	103257	122.40	ug/l	93
26) 2,2-Dichloropropane	7.17	77	115816	22.25	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	71750	21.13	ug/l	96
28) Bromochloromethane	7.52	49	49254	21.82	ug/l	88
29) Tetrahydrofuran	7.54	42	63270	117.72	ug/l	94
30) Chloroform	7.68	83	120473	20.05	ug/l	96
31) Cyclohexane	7.96	56	135514	24.21	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	114599	20.51	ug/l	99
36) 1,1-Dichloropropene	8.09	75	106201	22.32	ug/l	99
37) Ethyl Acetate	7.26	43	45759	23.65	ug/l	97
38) Carbon Tetrachloride	8.07	117	98230	19.82	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	128269	23.20	ug/l	95
40) Benzene	8.33	78	296107	21.49	ug/l	99
41) Methacrylonitrile	7.49	41	28346	24.29	ug/l	94
42) 1,2-Dichloroethane	8.41	62	82041	19.02	ug/l	96
43) Isopropyl Acetate	8.43	43	84052	22.26	ug/l	98
44) Trichloroethene	9.10	130	73635	20.76	ug/l	98
45) 1,2-Dichloropropane	9.38	63	74457	22.61	ug/l	96
46) Dibromomethane	9.46	93	33353	20.59	ug/l	98
47) Bromodichloromethane	9.65	83	89528	20.40	ug/l	99
48) Methyl methacrylate	9.44	41	40488	21.49	ug/l	97
49) 1,4-Dioxane	9.47	88	11392	422.01	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	223677	115.08	ug/l	98
52) Toluene	10.39	92	201027	21.54	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	90096	20.52	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	108253	21.77	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	48628	20.20	ug/l	97
56) Ethyl methacrylate	10.65	69	65536	21.51	ug/l	98
57) 1,3-Dichloropropane	10.93	76	88475	21.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	146060	105.99	ug/l	95
59) 2-Hexanone	10.98	43	165936	125.34	ug/l	100
60) Dibromochloromethane	11.13	129	56154	19.39	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43563	20.18	ug/l	99
64) Tetrachloroethene	10.87	164	70589	19.83	ug/l	97
65) Chlorobenzene	11.66	112	208637	20.42	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	63139	19.33	ug/l	97
67) Ethyl Benzene	11.74	91	382508	21.28	ug/l	100
68) m/p-Xylenes	11.85	106	300881	43.50	ug/l	99
69) o-Xylene	12.17	106	138492	21.50	ug/l	99
70) Styrene	12.19	104	229122	21.55	ug/l	99
71) Bromoform	12.35	173	31872	18.44	ug/l #	98
73) Isopropylbenzene	12.47	105	387131	22.51	ug/l	99
74) N-amyl acetate	12.28	43	84850	23.42	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56023	22.33	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	37001m	18.35	ug/l	
77) Bromobenzene	12.76	156	84931	20.89	ug/l	95
78) n-propylbenzene	12.81	91	473925	22.84	ug/l	100
79) 2-Chlorotoluene	12.90	91	273095	22.31	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	325538	21.70	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	17721	22.80	ug/l	94
82) 4-Chlorotoluene	12.99	91	289099	22.37	ug/l	99
83) tert-Butylbenzene	13.21	119	273349	21.93	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	327037	21.47	ug/l	99
85) sec-Butylbenzene	13.39	105	404279	22.45	ug/l	99
86) p-Isopropyltoluene	13.51	119	354187	22.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	173804	21.08	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	171680	21.14	ug/l	99
89) n-Butylbenzene	13.83	91	343132	22.88	ug/l	99
90) Hexachloroethane	14.10	117	57302	20.77	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	151100	20.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9532	19.79	ug/l	98

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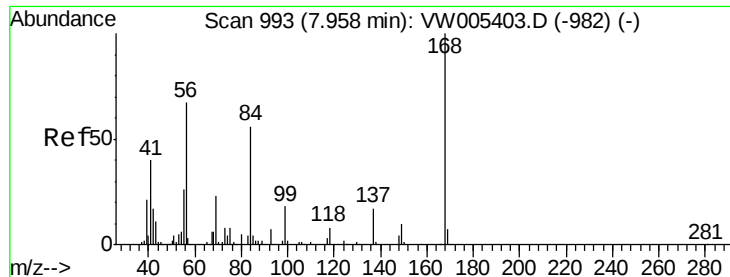
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	100001	20.80	ug/l	98
94) Hexachlorobutadiene	15.25	225	67009	21.34	ug/l	99
95) Naphthalene	15.38	128	161876	20.21	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	85702	20.43	ug/l	99

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



#1

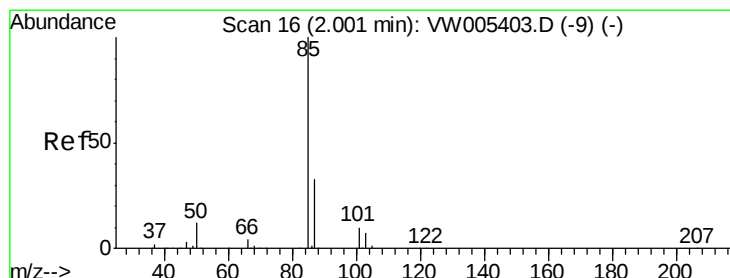
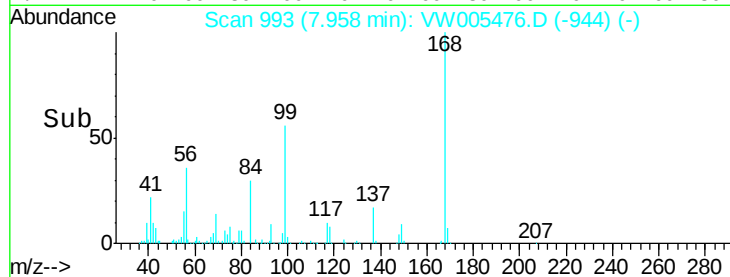
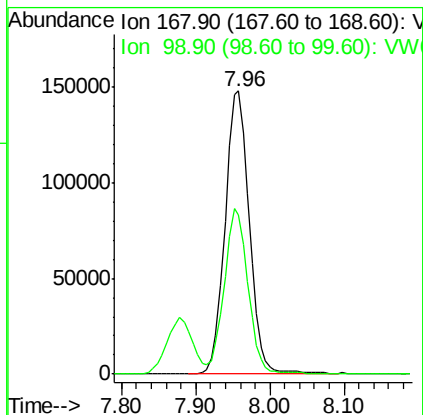
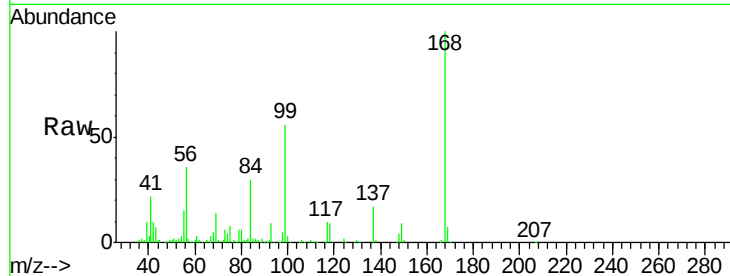
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
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Tot Ion	168	Resp	337865
Ion	Ratio	Lower	Upper
168	100		
99	56.2	45.0	67.6

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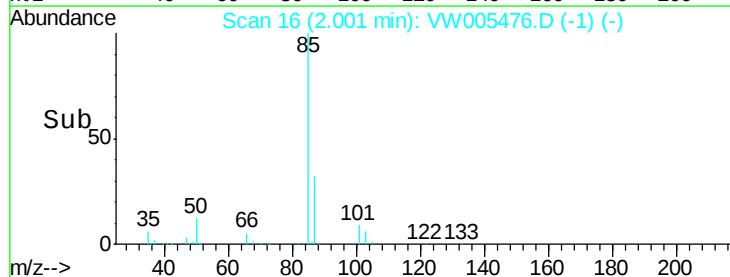
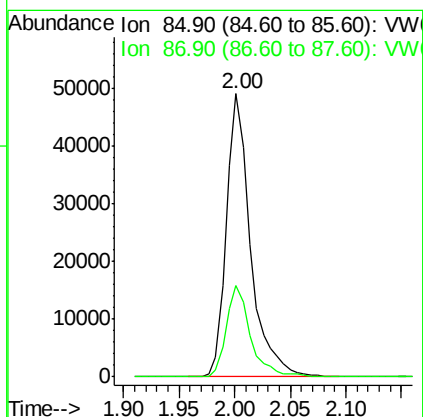
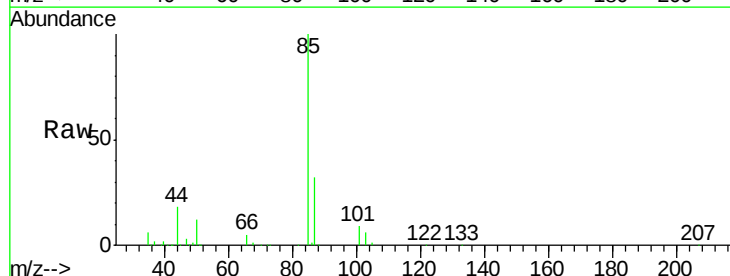
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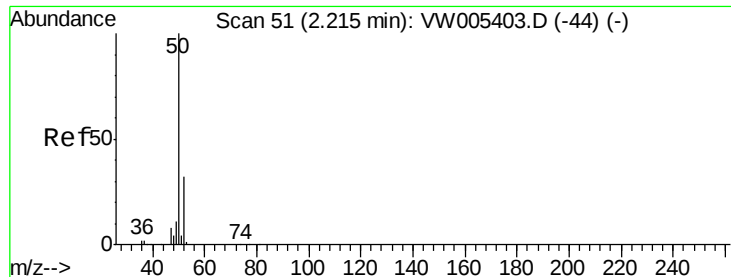


#2

Dichlorodifluoromethane
 Concen: 23.38 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	85	Resp	73666
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.4	49.1





#3

Chloromethane

Concen: 24.40 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 50 Resp: 97300

Ion Ratio Lower Upper

50 100

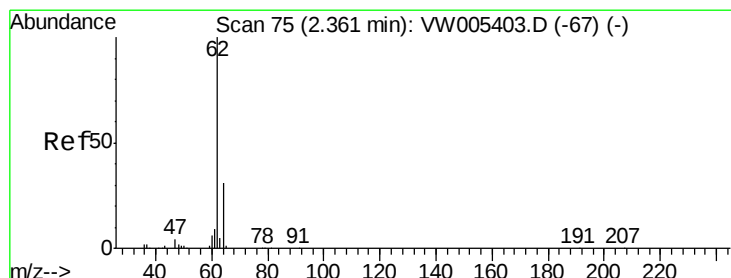
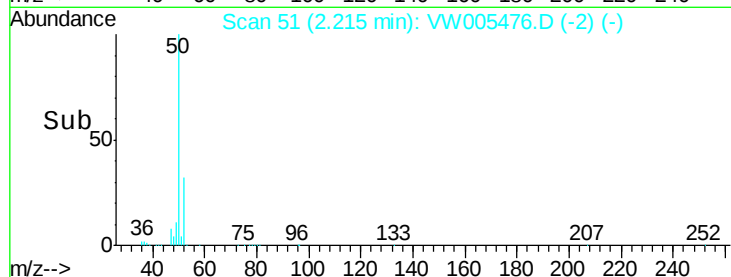
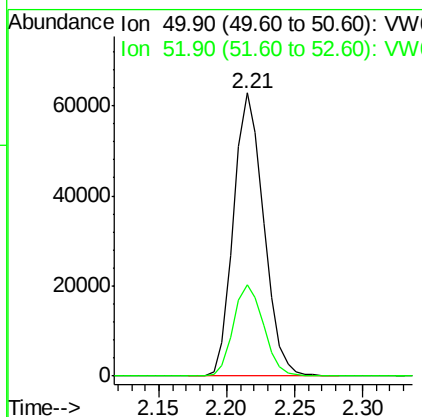
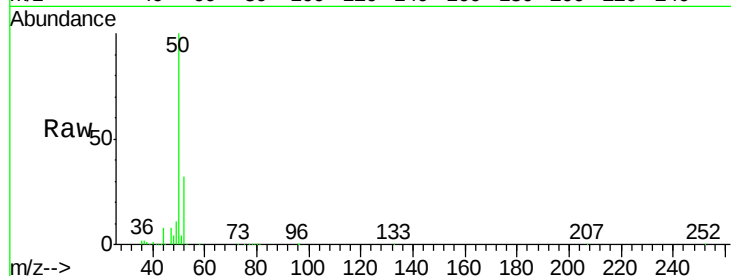
52 32.1 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.92 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005476.D

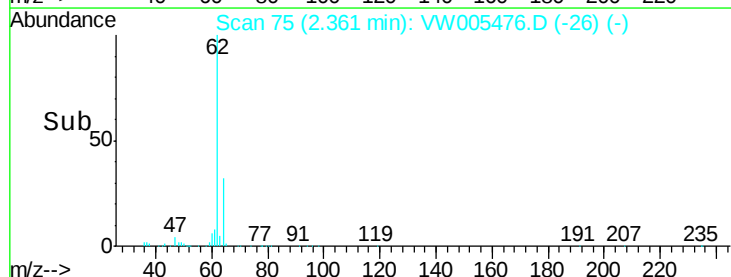
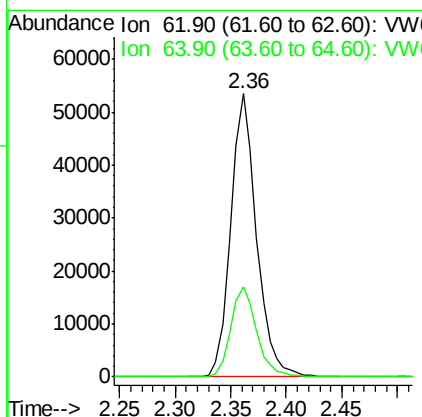
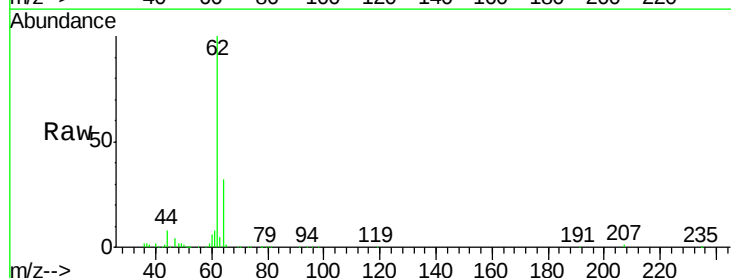
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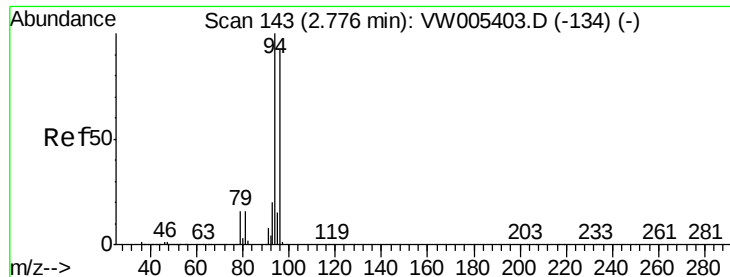
Tgt Ion: 62 Resp: 85632

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 18.48 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 94 Resp: 50041

Ion Ratio Lower Upper

94 100

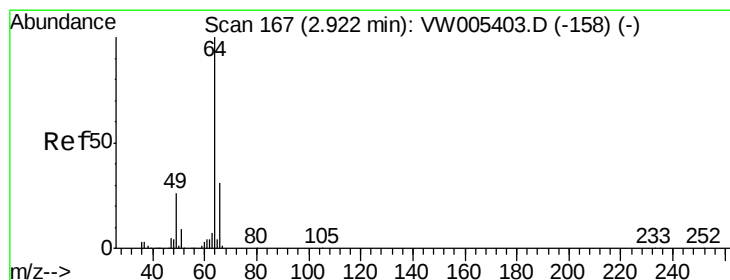
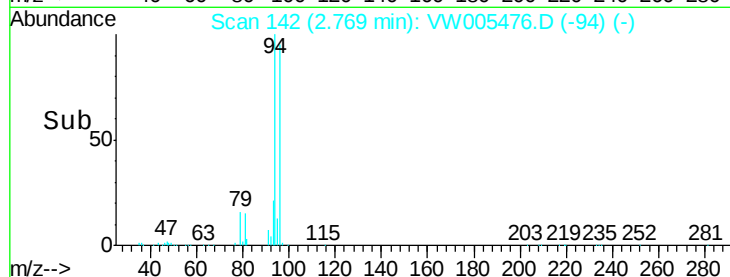
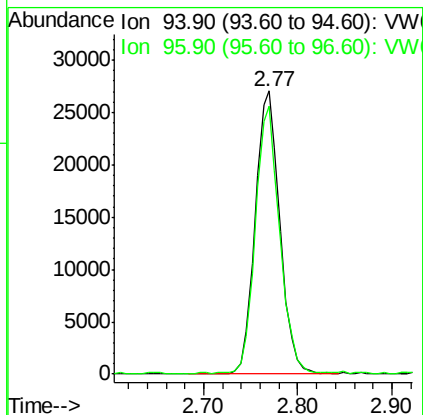
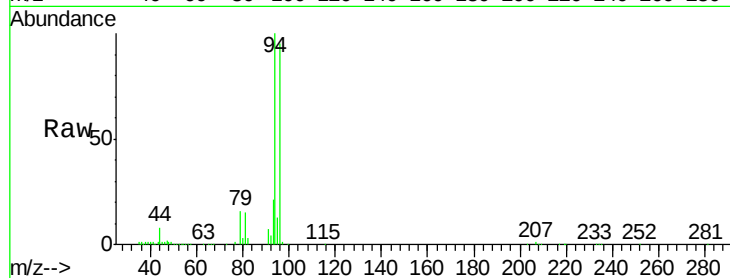
96 94.6 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 21.19 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005476.D

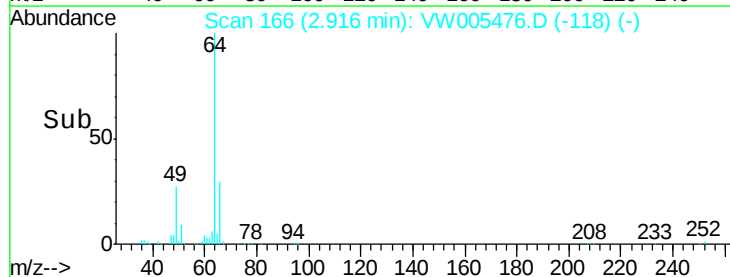
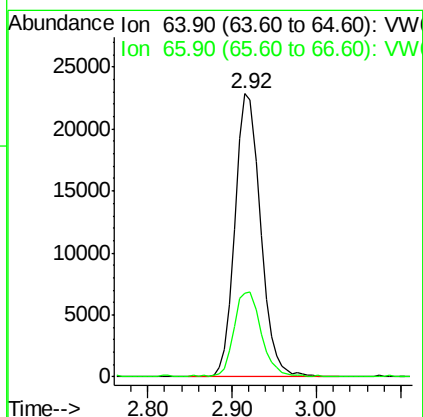
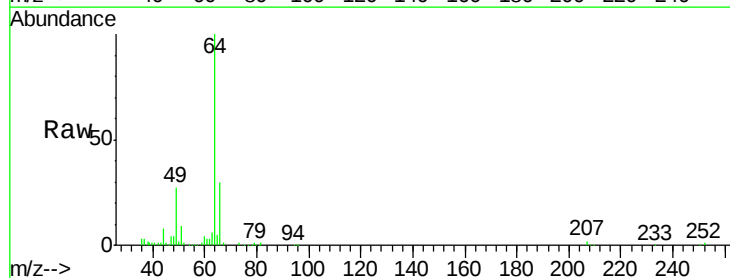
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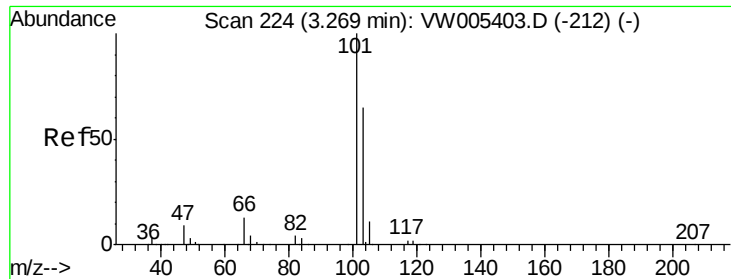
Tgt Ion: 64 Resp: 46909

Ion Ratio Lower Upper

64 100

66 29.8 25.2 37.8





#7

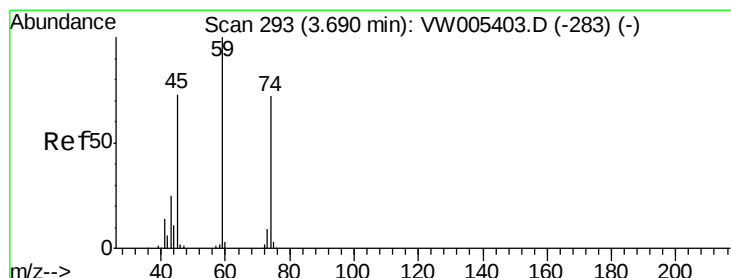
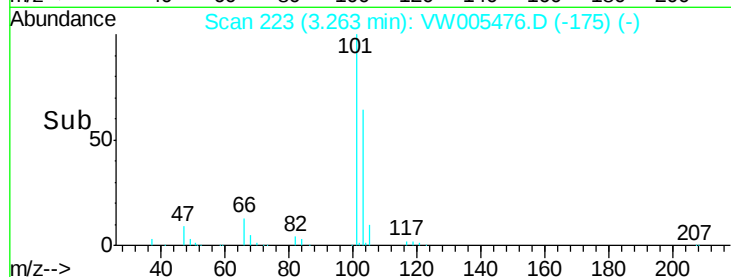
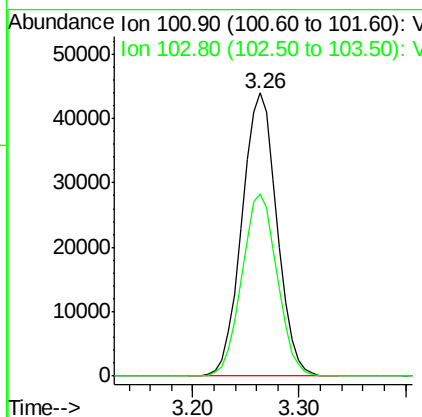
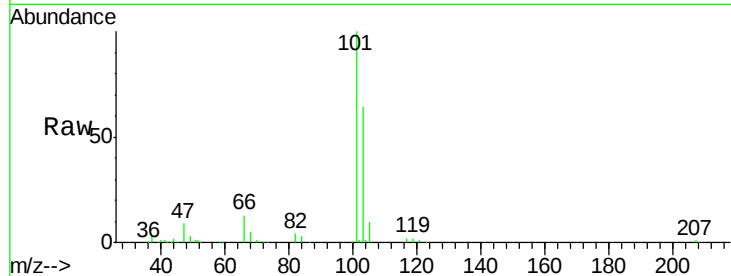
Trichlorofluoromethane
 Concen: 20.50 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005476.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	101472		
103	64.4	51.7	77.5	

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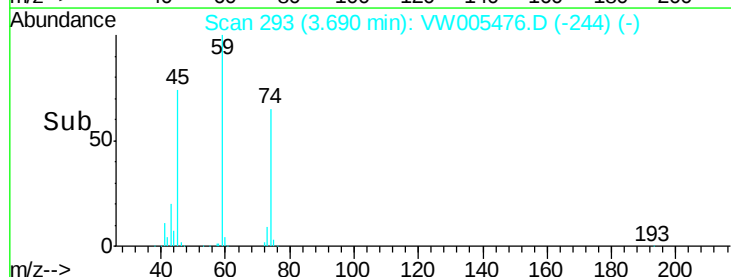
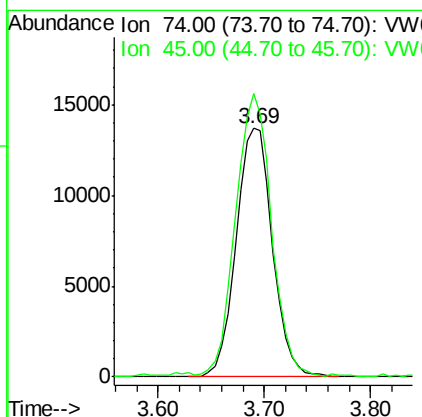
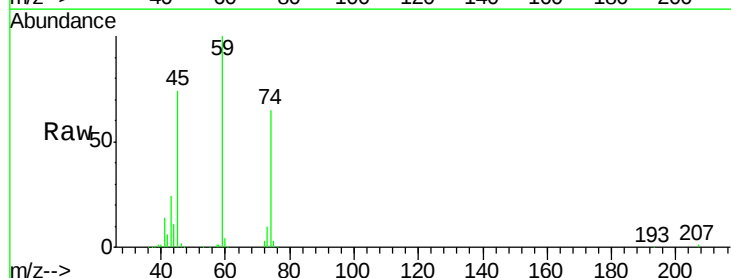
apatel
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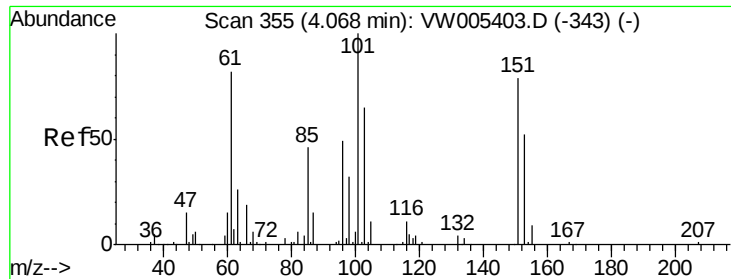


#8

Diethyl Ether
 Concen: 22.26 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	32736		
45	112.4	53.1	159.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.30 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

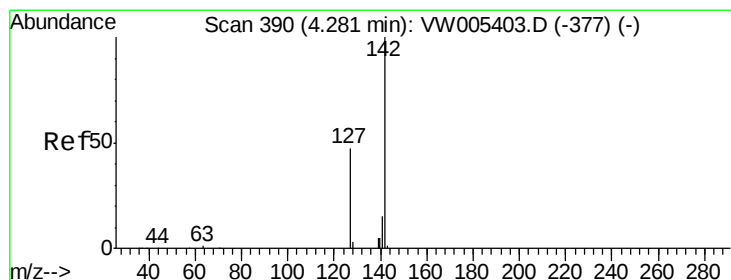
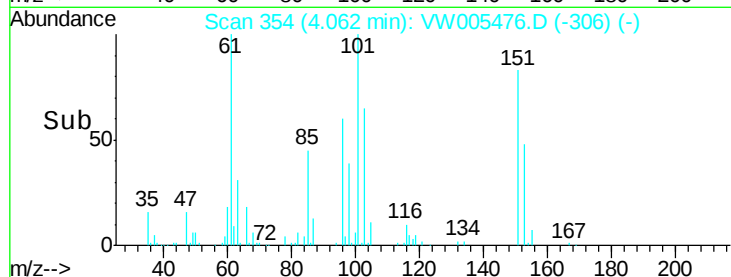
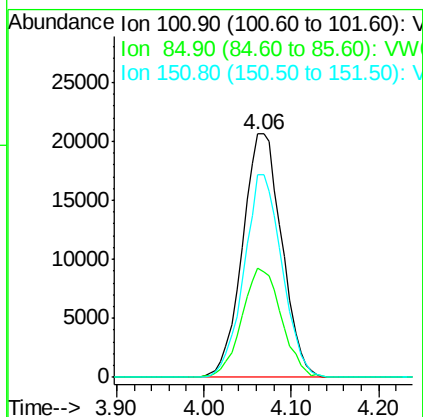
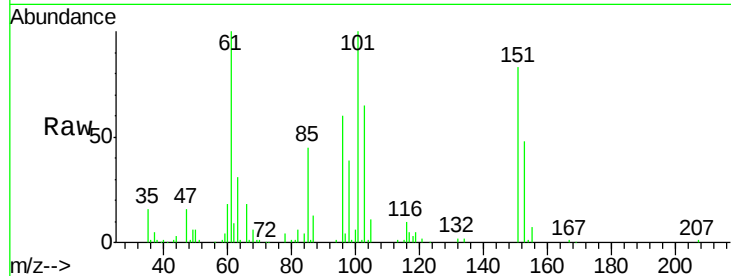
ClientSampleId :

VW0918SBS01

Tot Ion:	101	Resp:	64367
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.6	54.8
151	80.4	66.3	99.5

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#10

Methyl Iodide

Concen: 19.05 ug/l

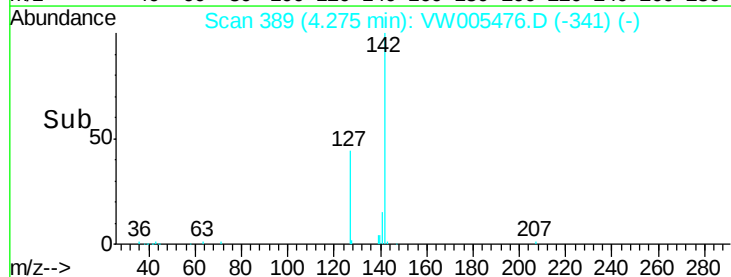
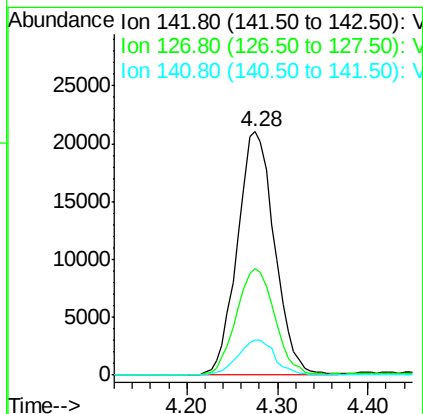
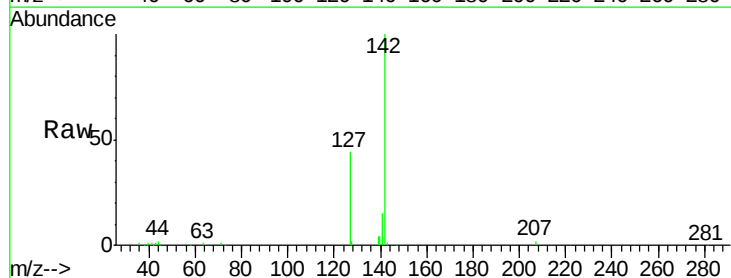
RT: 4.28 min Scan# 389

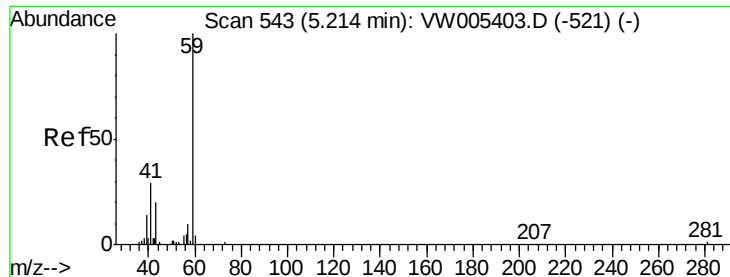
Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Tgt Ion:	142	Resp:	59902
Ion Ratio	Lower	Upper	
142	100		
127	45.1	37.5	56.3
141	14.4	12.4	18.6





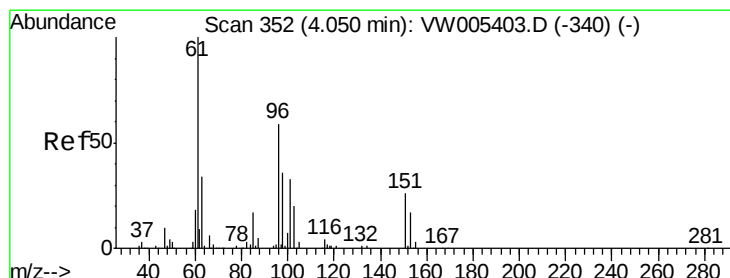
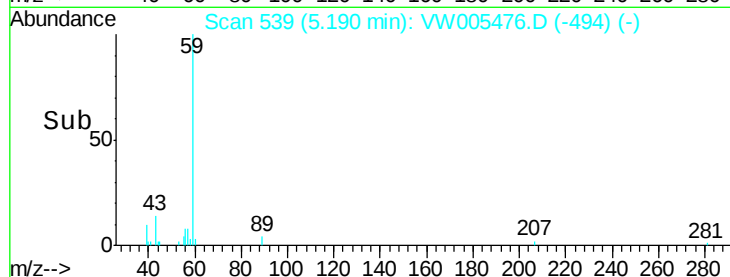
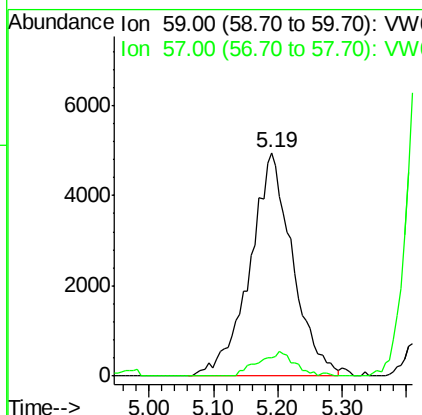
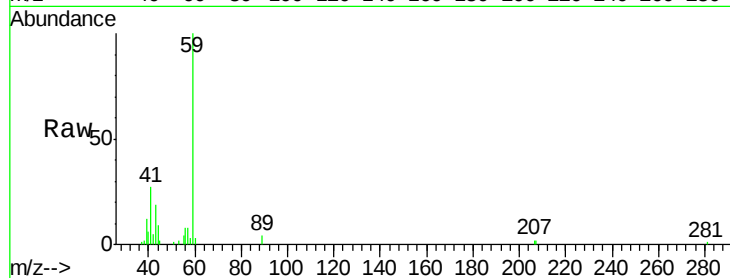
#11
Tert butyl alcohol
Concen: 95.59 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.02 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.6	13.0

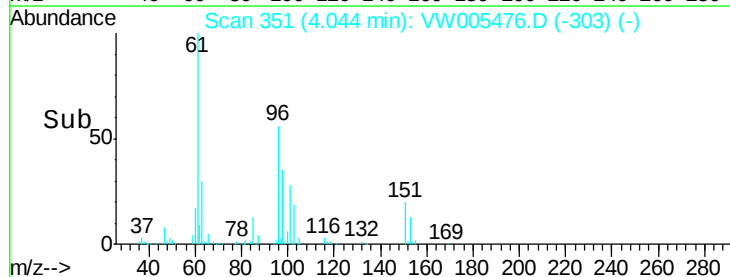
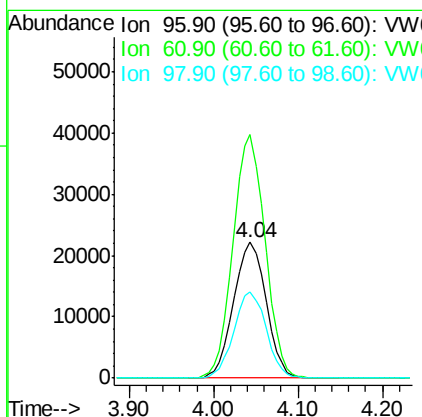
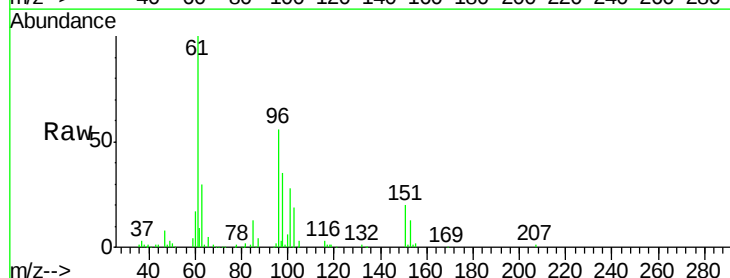
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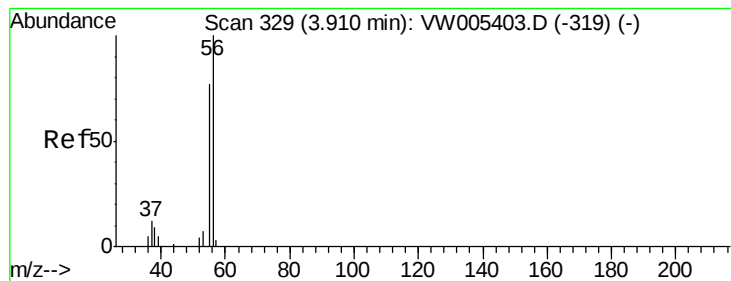
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#12
1,1-Dichloroethene
Concen: 22.30 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.4	135.7	203.5
98	63.7	48.6	73.0





#13

Acrolein

Concen: 128.83 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 56 Resp: 19762

Ion Ratio Lower Upper

56 100

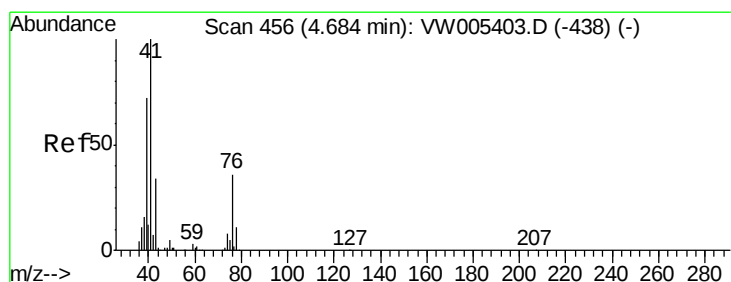
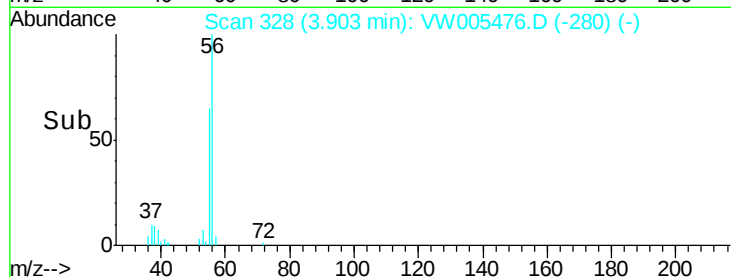
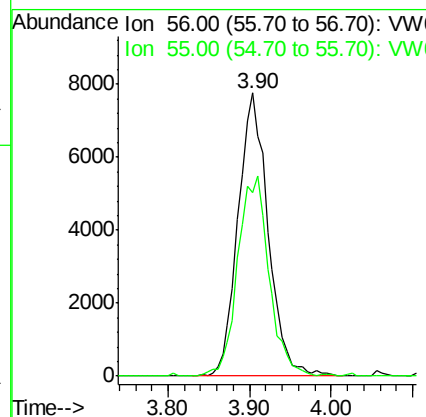
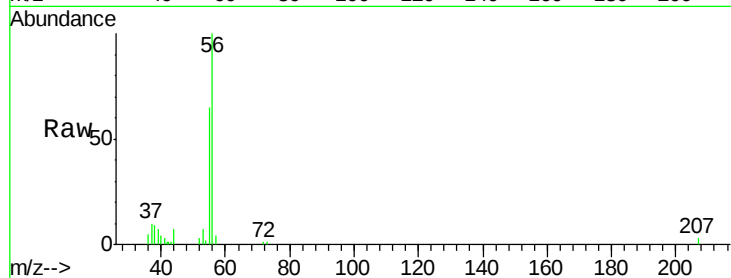
55 73.5 59.8 89.8

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#14

Allyl chloride

Concen: 24.12 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

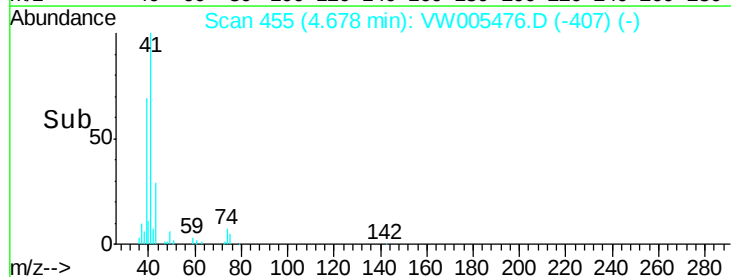
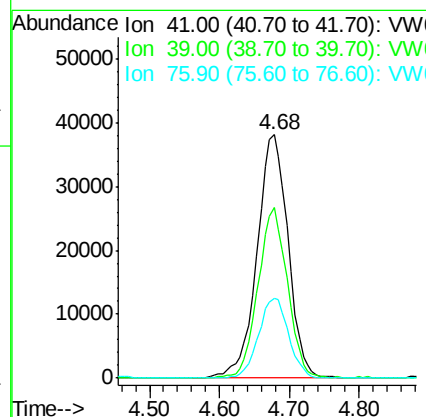
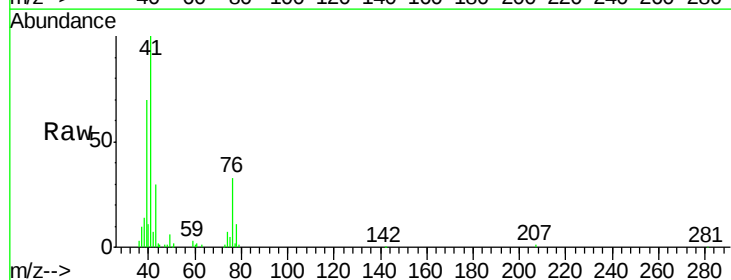
Tgt Ion: 41 Resp: 117329

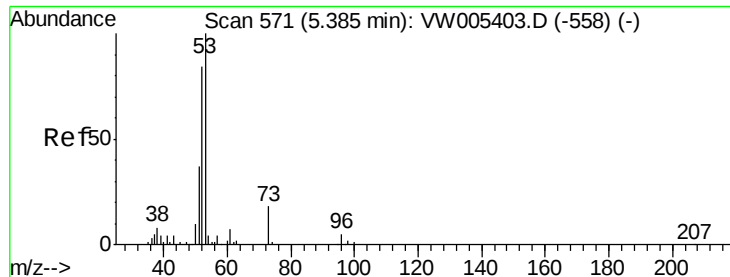
Ion Ratio Lower Upper

41 100

39 66.2 58.6 88.0

76 31.8 27.4 41.0





#15

Acrylonitrile

Concen: 113.62 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

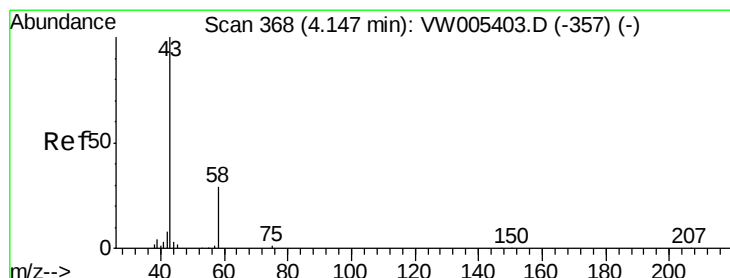
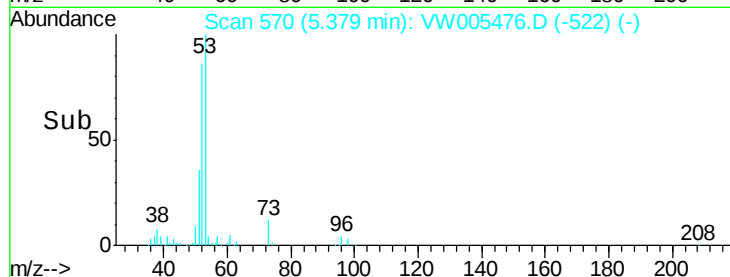
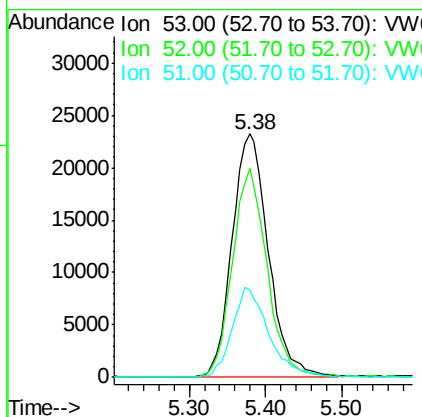
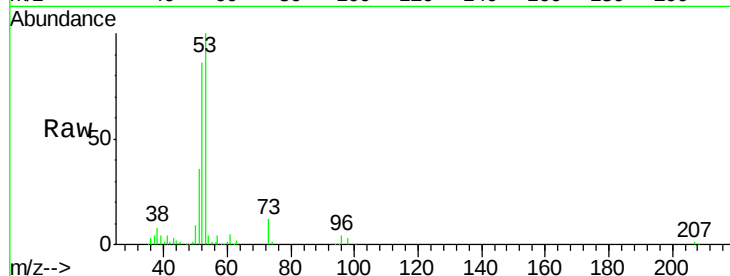
ClientSampleId :

VW0918SBS01

Tot Ion:	53	Resp:	76445
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.6	99.8
51	37.2	31.1	46.7

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#16

Acetone

Concen: 122.05 ug/l

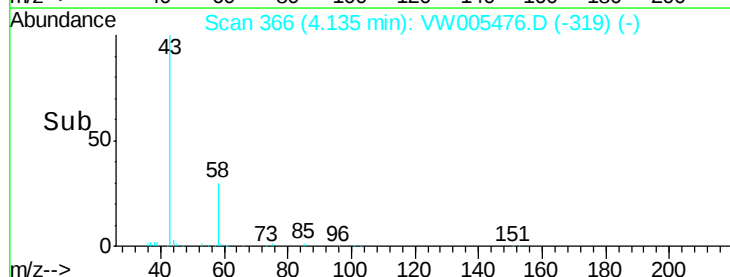
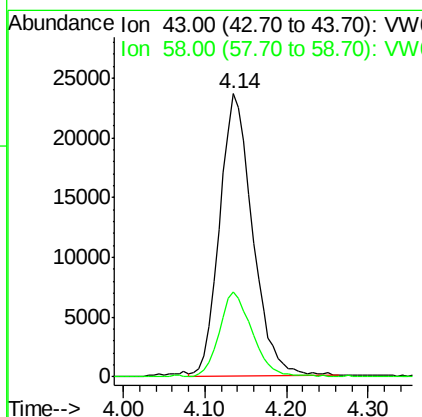
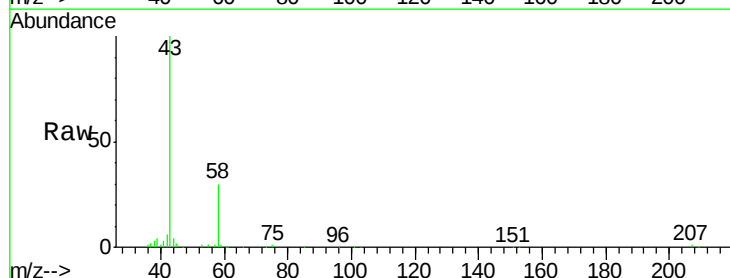
RT: 4.14 min Scan# 366

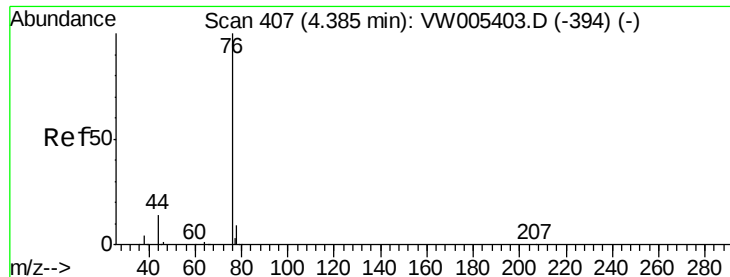
Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Tgt Ion:	43	Resp:	66204
Ion Ratio	Lower	Upper	
43	100		
58	30.1	22.8	34.2





#17

Carbon Disulfide

Concen: 21.67 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 76 Resp: 199503

Ion Ratio Lower Upper

76 100

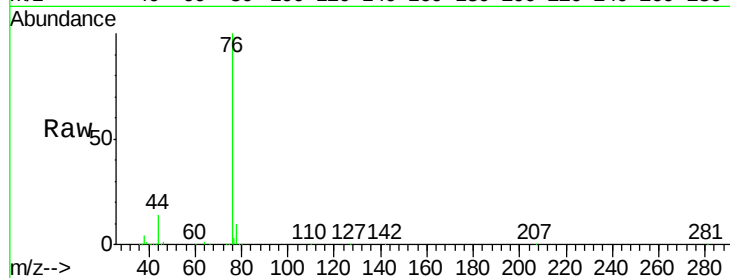
78 9.6 7.4 11.0

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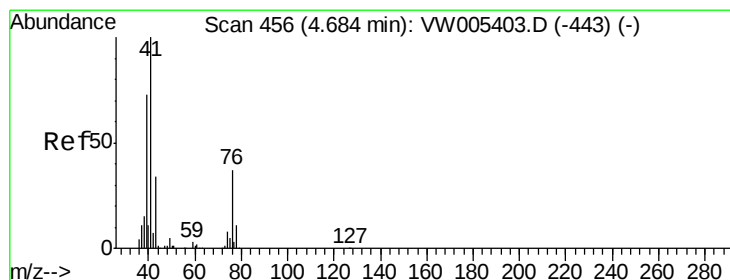
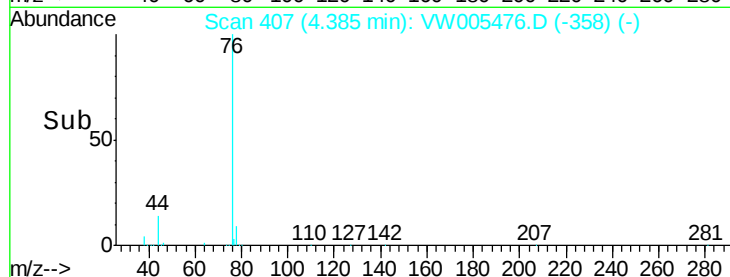
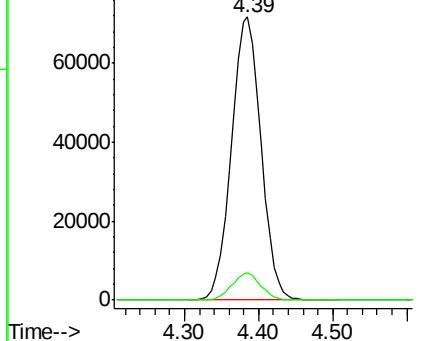
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.46 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW005476.D

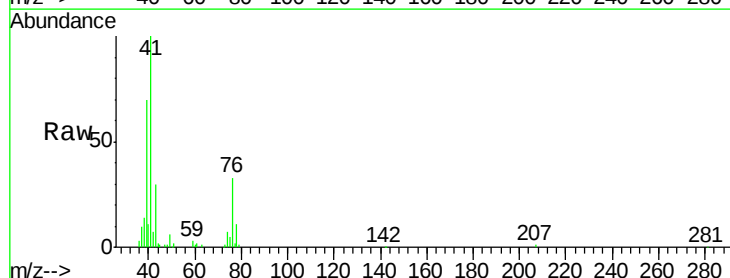
Acq: 18 Sep 2018 14:07

Tgt Ion: 43 Resp: 36163

Ion Ratio Lower Upper

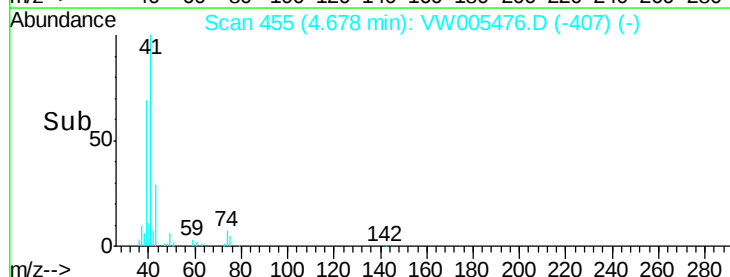
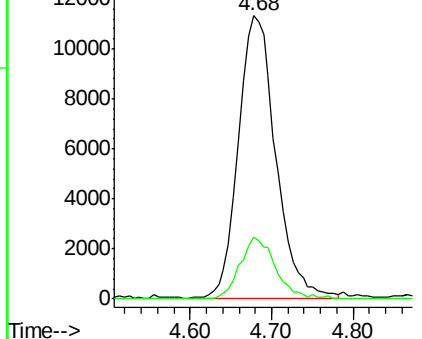
43 100

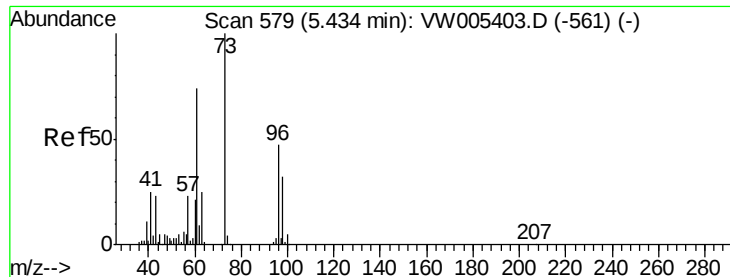
74 20.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

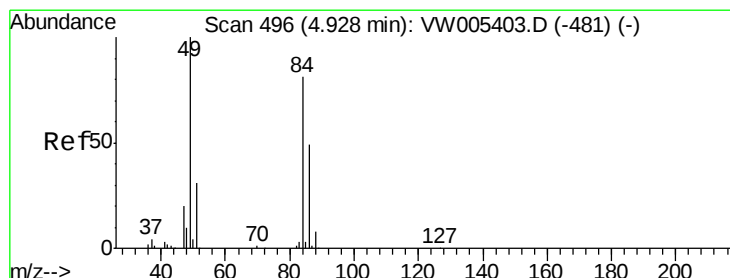
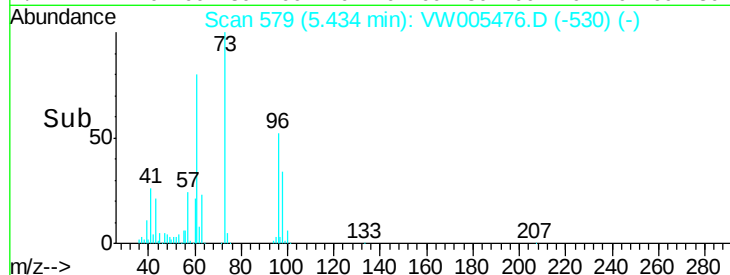
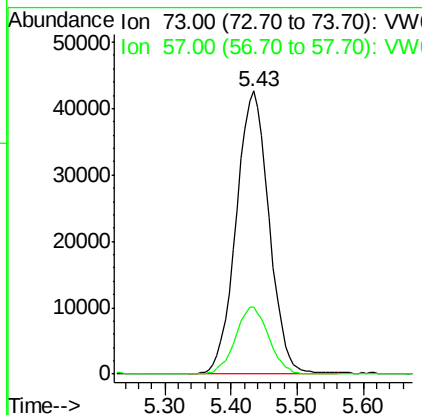
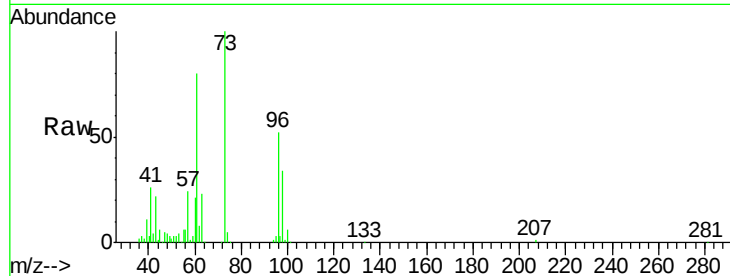
Methyl tert-butyl Ether
 Concen: 20.81 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.6	28.0

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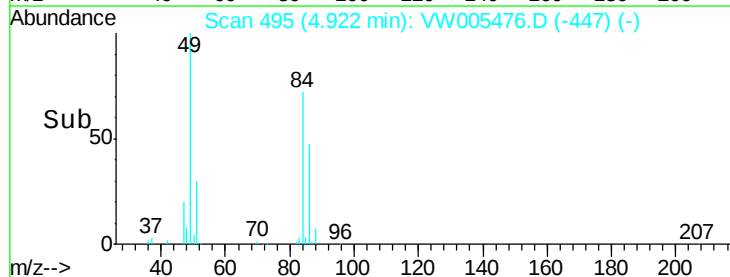
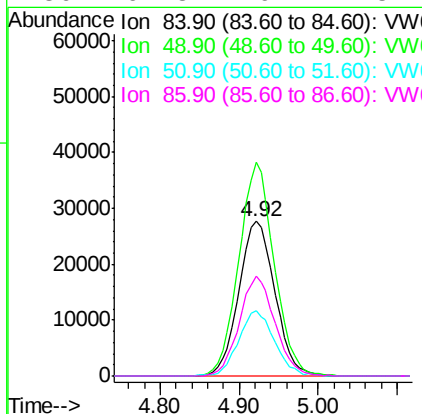
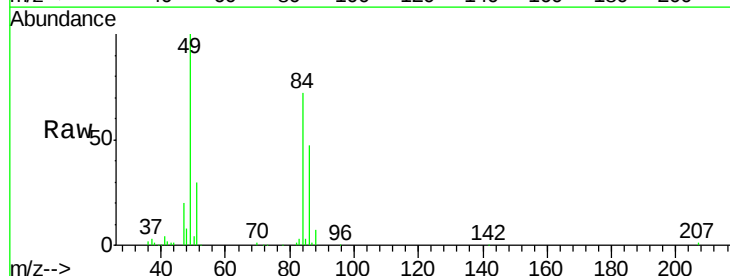
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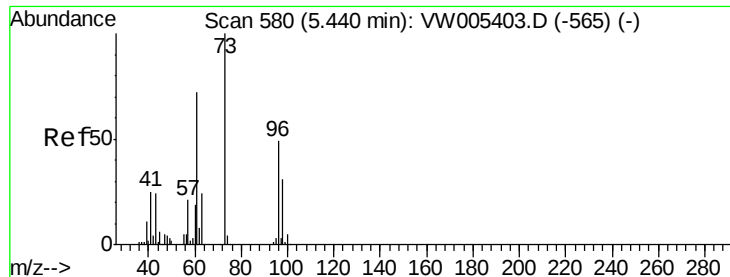


#20

Methylene Chloride
 Concen: 22.13 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.3	99.3	148.9
51	42.0	31.1	46.7
86	64.8	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 21.56 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 96 Resp: 67319

Ion Ratio Lower Upper

96 100

61 153.7 116.7 175.1

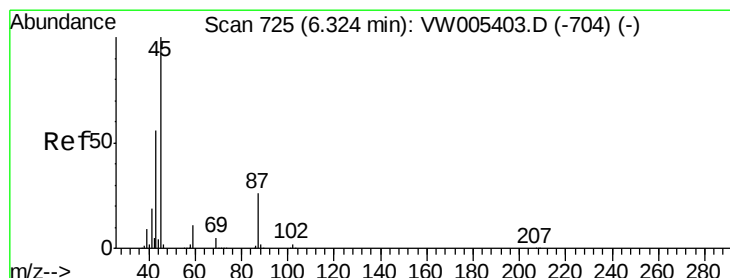
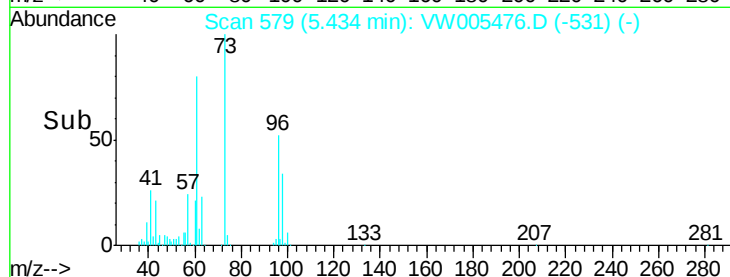
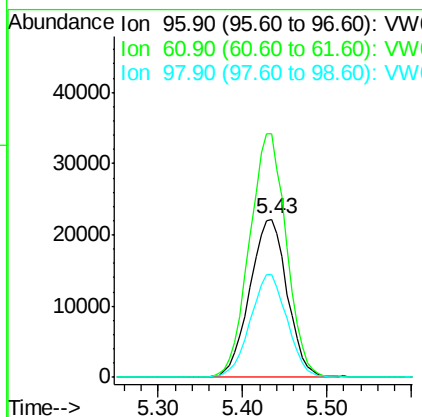
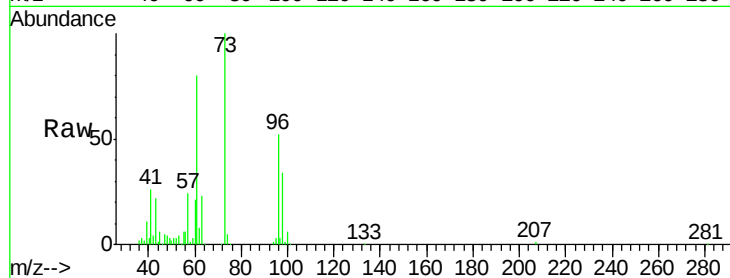
98 64.8 51.0 76.6

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#22

Diisopropyl ether

Concen: 23.88 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Tgt Ion: 45 Resp: 228309

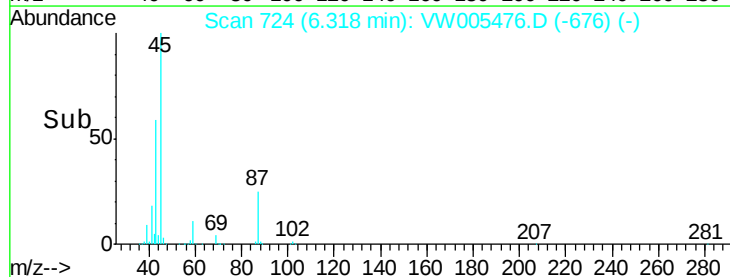
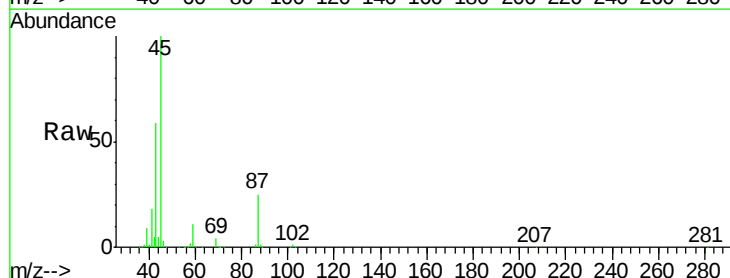
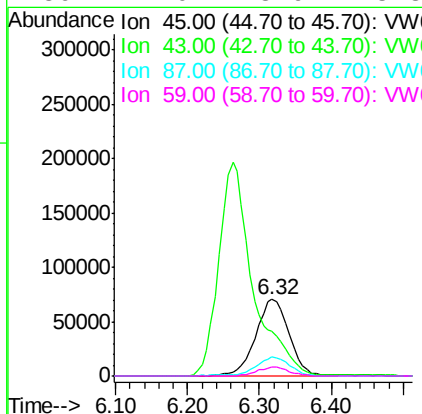
Ion Ratio Lower Upper

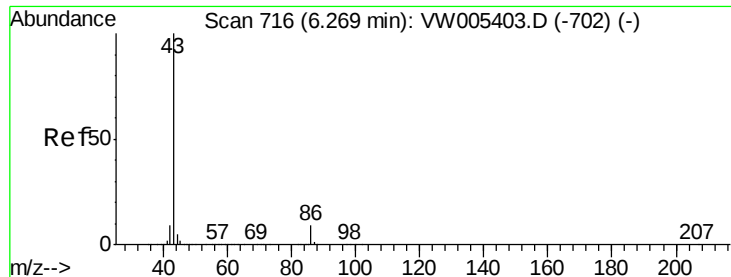
45 100

43 58.1 44.6 67.0

87 24.3 20.6 31.0

59 11.0 8.9 13.3





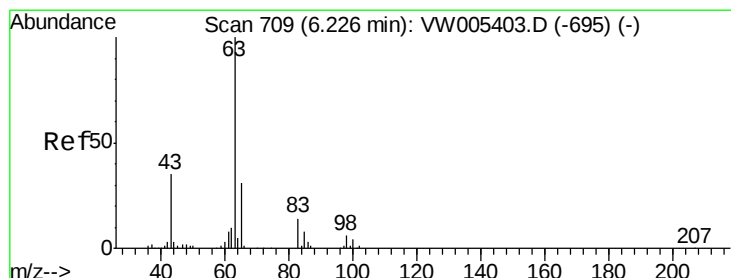
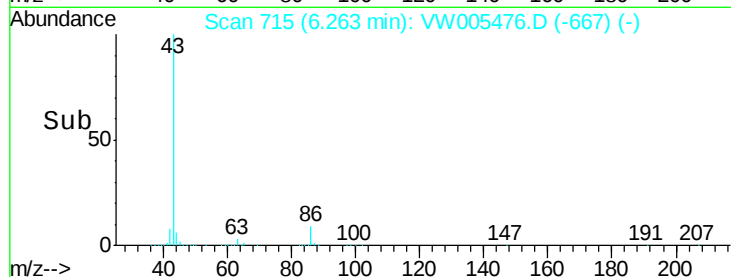
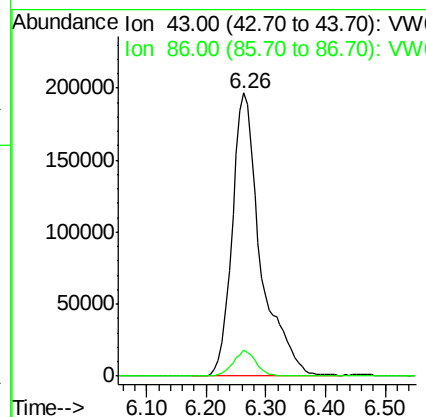
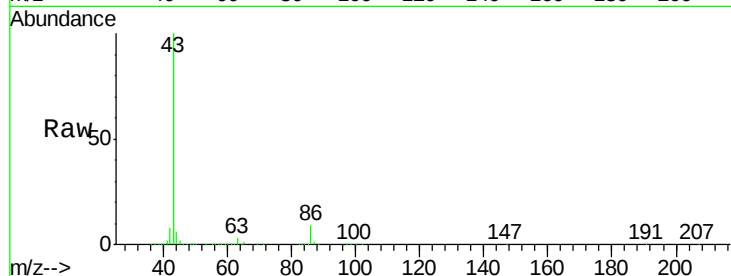
#23
 Vinyl Acetate
 Concen: 119.74 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.5	11.3

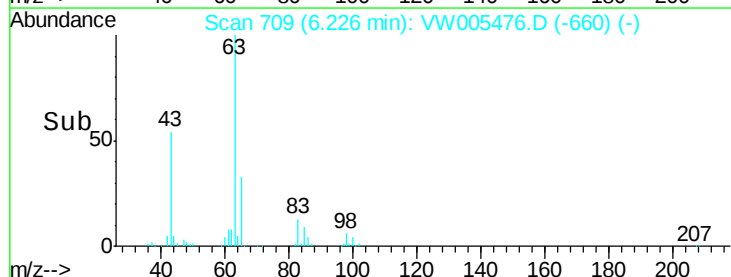
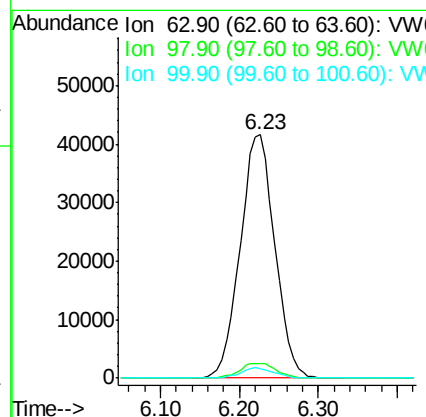
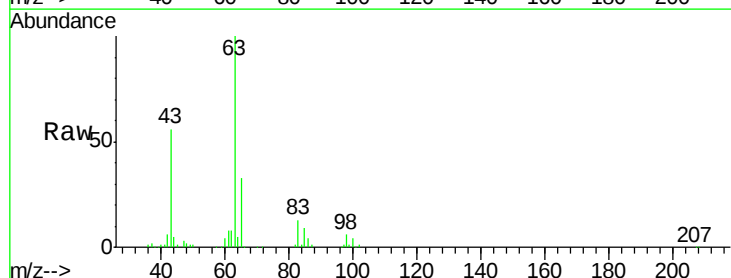
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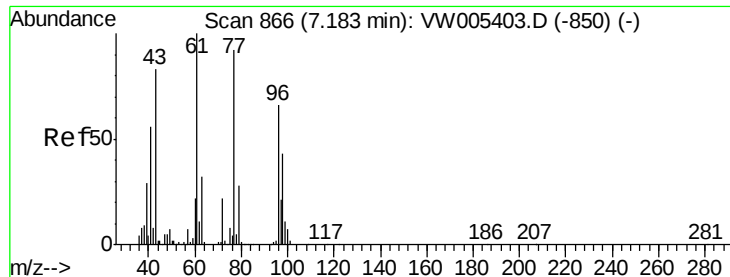
apatel
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#24
 1,1-Dichloroethane
 Concen: 21.88 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.9	8.8
100	4.0	2.3	6.8





#25

2-Butanone

Concen: 122.40 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 43 Resp: 103257

Ion Ratio Lower Upper

43 100

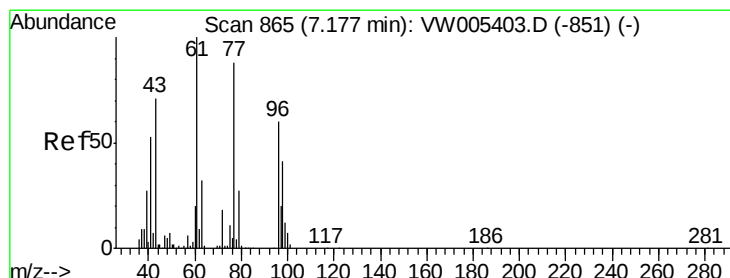
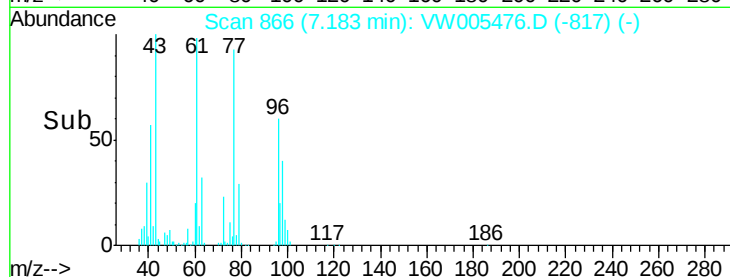
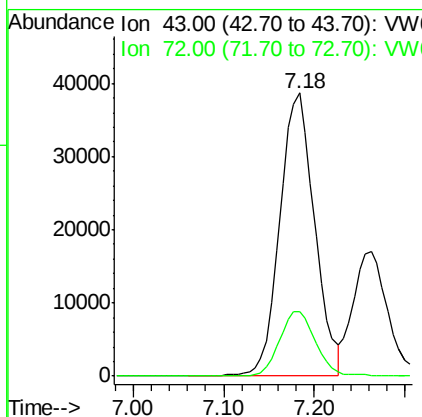
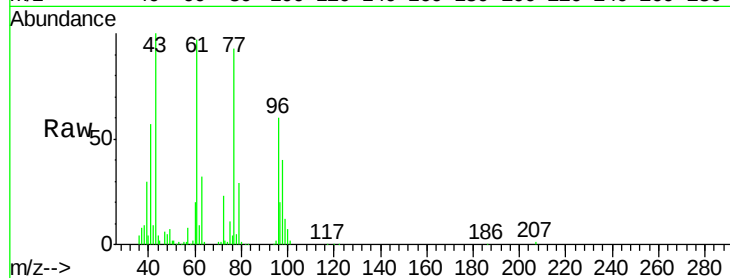
72 22.9 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.25 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005476.D

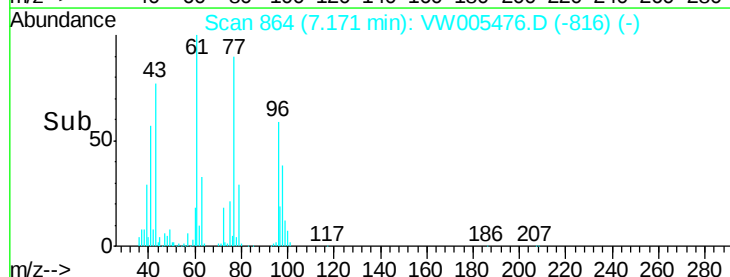
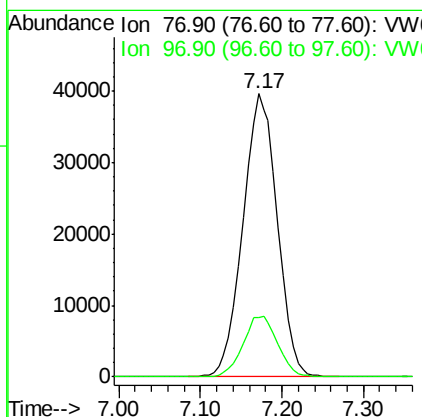
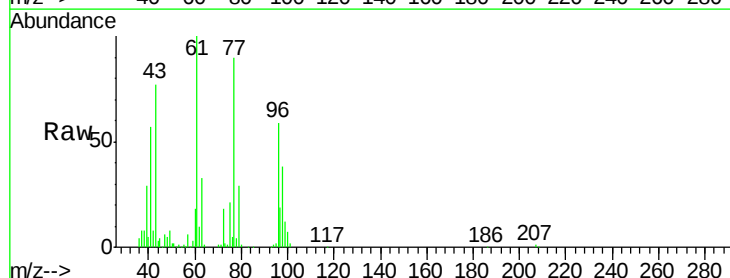
Acq: 18 Sep 2018 14:07

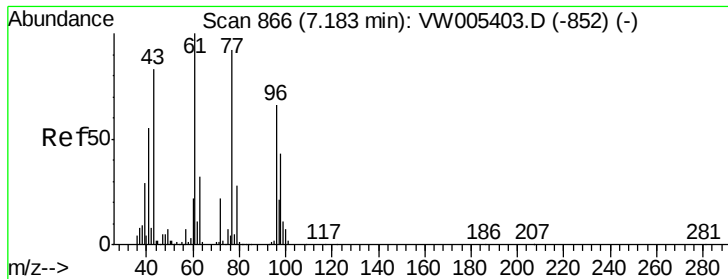
Tgt Ion: 77 Resp: 115816

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1





#27

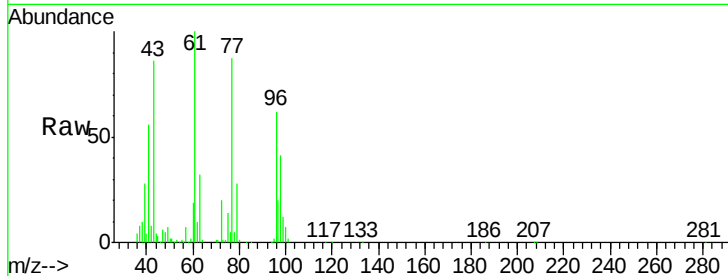
cis-1,2-Dichloroethene
Concen: 21.13 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.1	0.0	316.0
98	63.3	0.0	130.8

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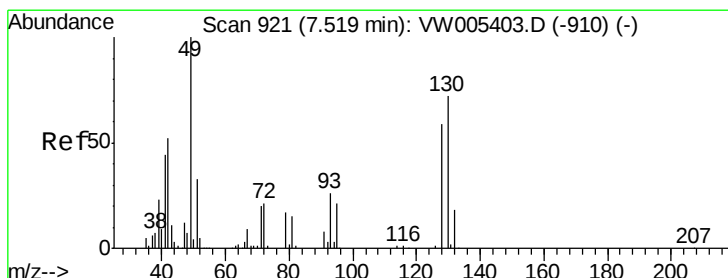
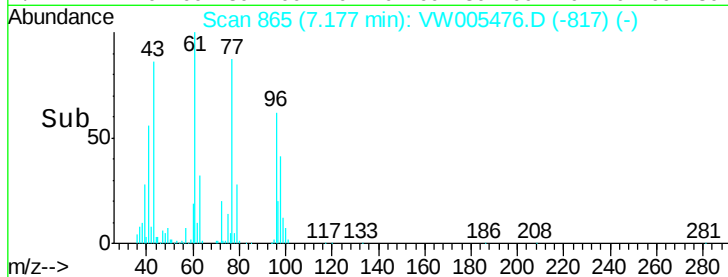
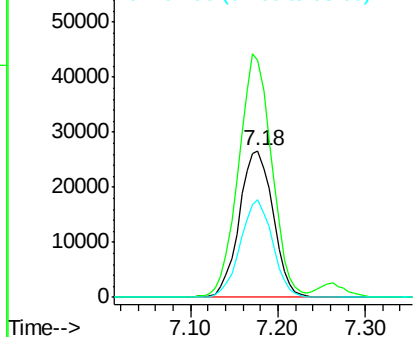


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

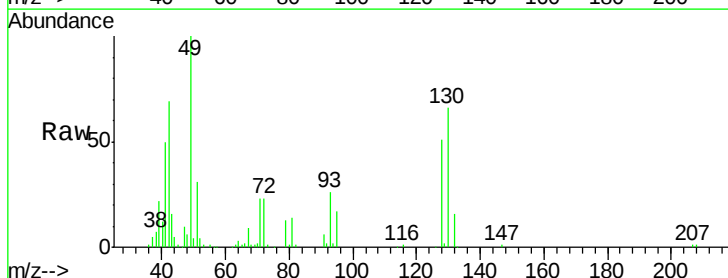
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 21.82 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.0
130	66.7	61.4	92.2

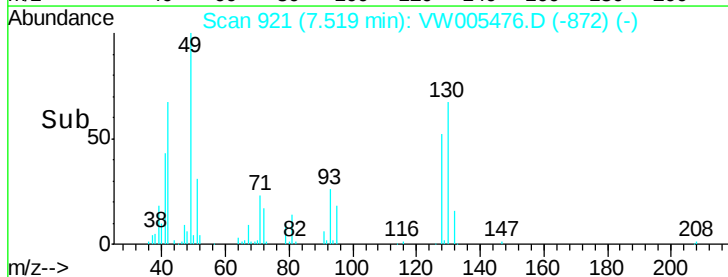
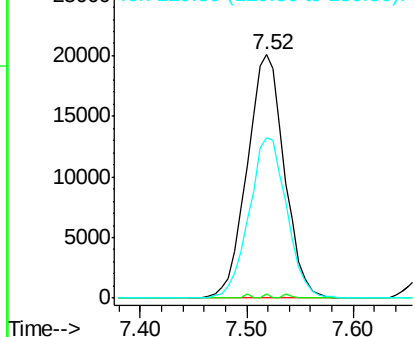


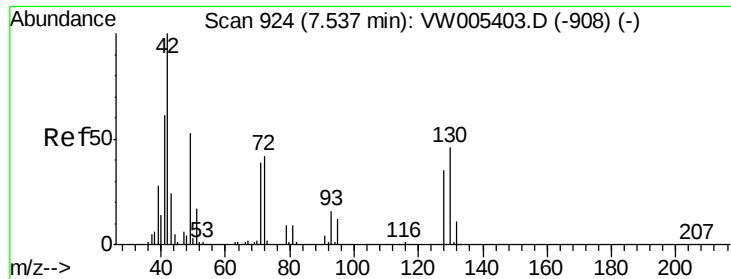
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

Ion 129.80 (129.50 to 130.50): VW





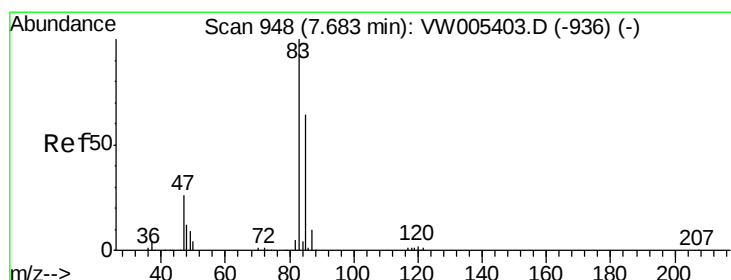
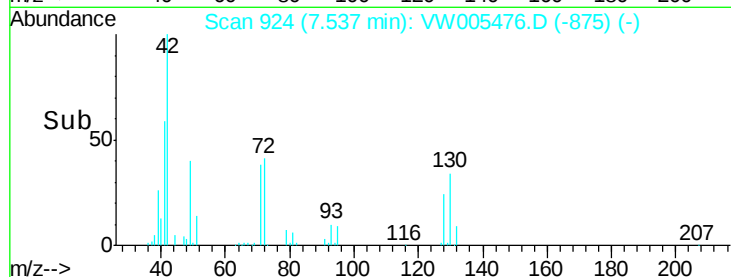
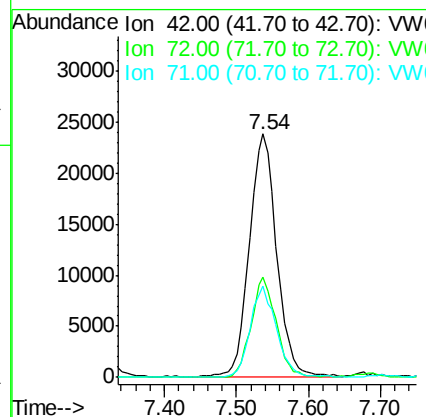
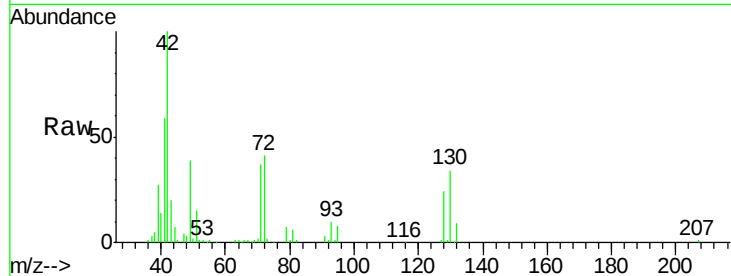
#29
Tetrahydrofuran
Concen: 117.72 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.7	33.2	49.8
71	35.5	31.0	46.6

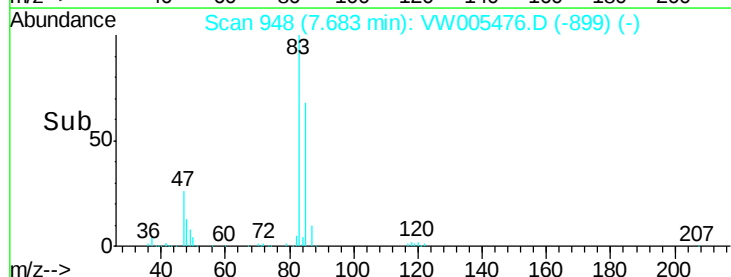
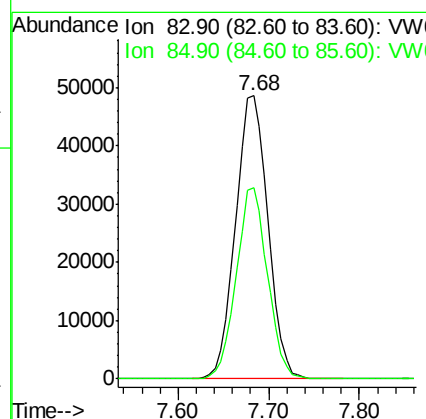
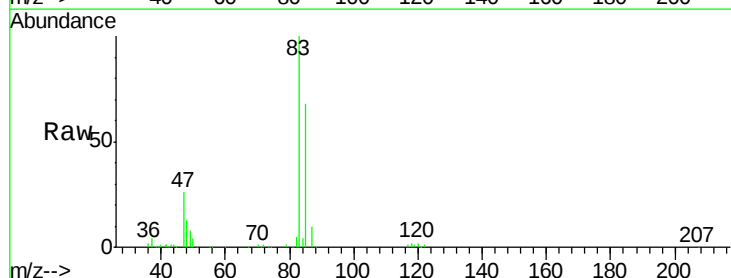
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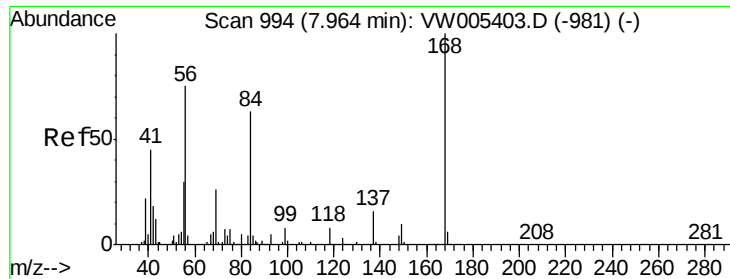
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#30
Chloroform
Concen: 20.05 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.5	77.3





#31

Cyclohexane

Concen: 24.21 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005476.D

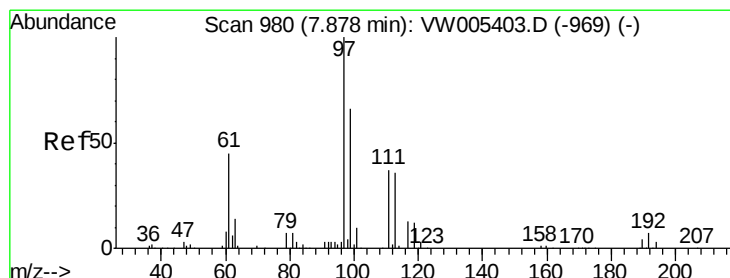
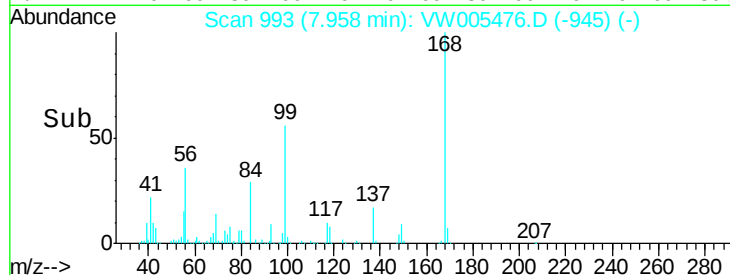
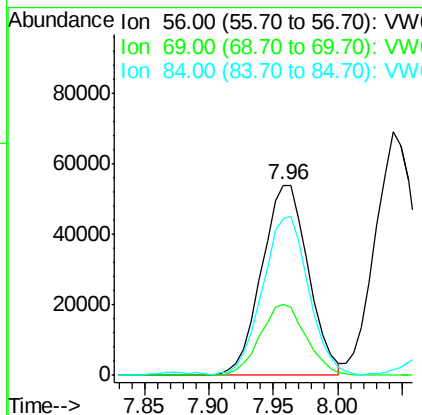
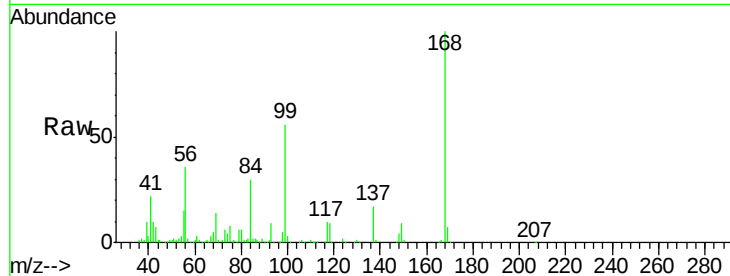
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion:	56	Resp:	135514
Ion	Ratio	Lower	Upper
56	100		
69	37.4	27.2	40.8
84	81.5	66.7	100.1

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#32

1,1,1-Trichloroethane

Concen: 20.51 ug/l

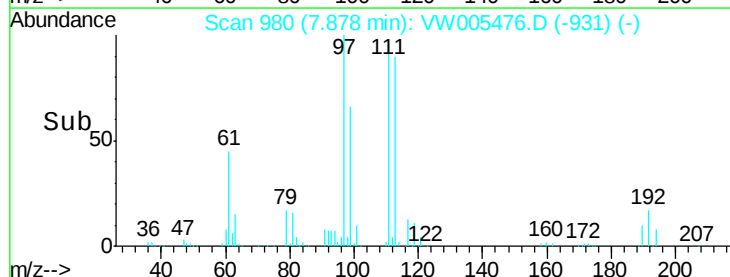
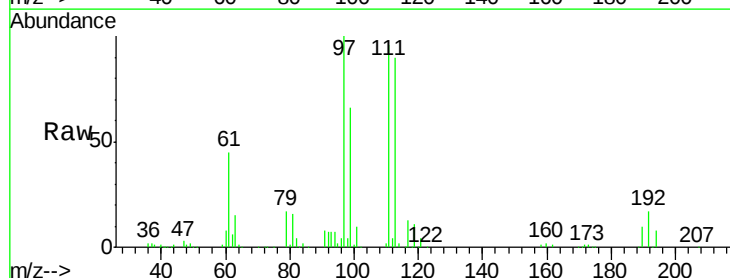
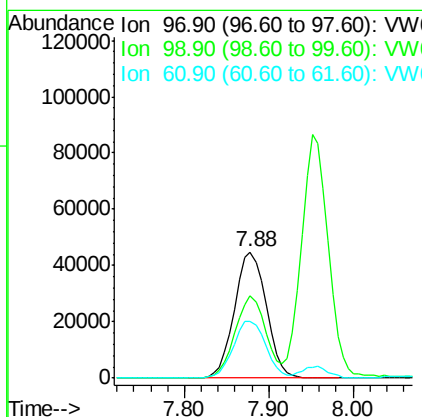
RT: 7.88 min Scan# 980

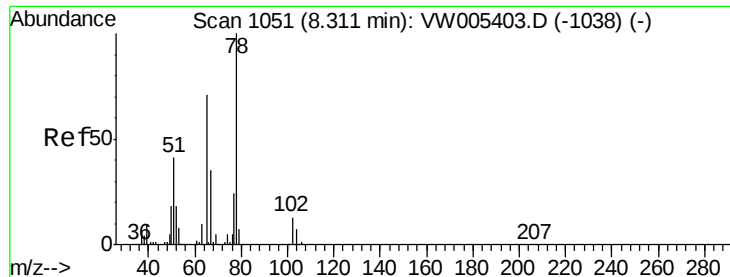
Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Tgt Ion:	97	Resp:	114599
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.5	77.3
61	46.0	35.8	53.6





#33

1,2-Dichloroethane-d4

Concen: 43.67 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

VW0918SBS01

Tot Ion: 65 Resp: 153153

Ion Ratio Lower Upper

65 100

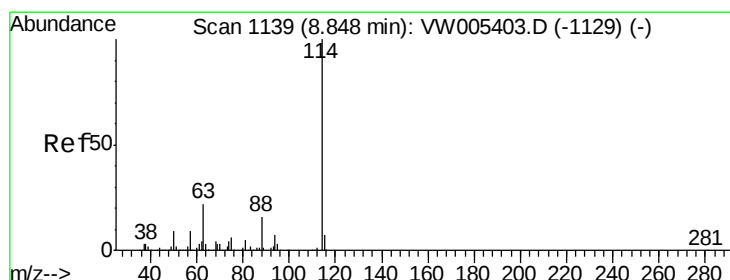
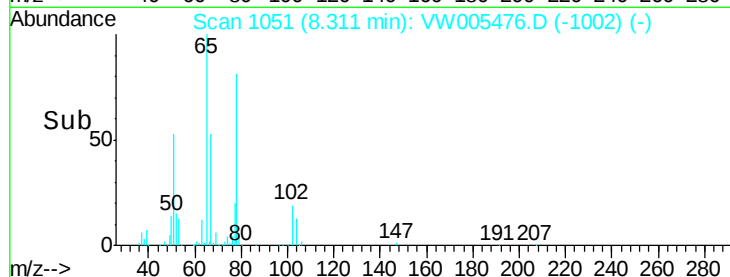
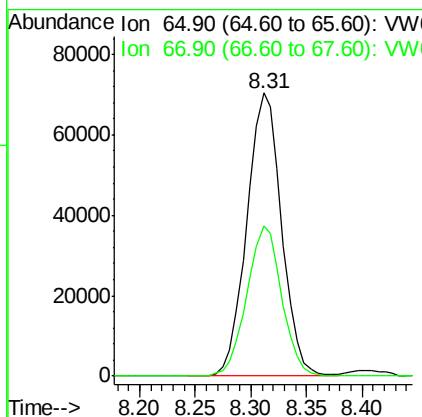
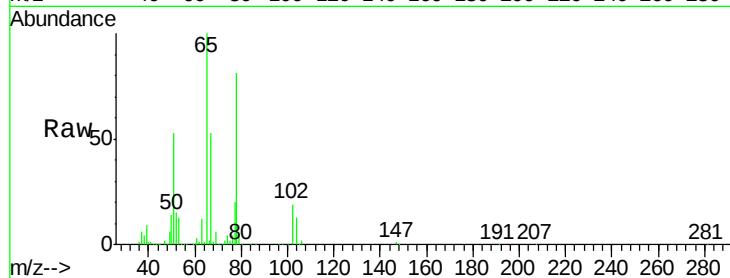
67 53.1 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

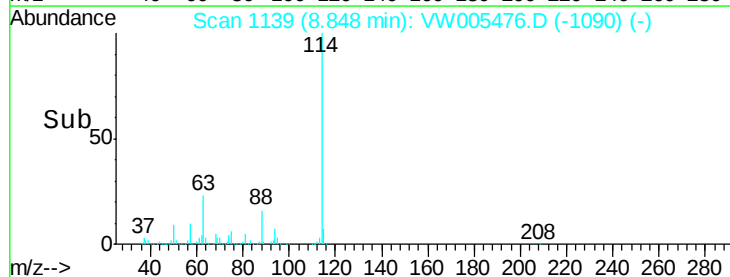
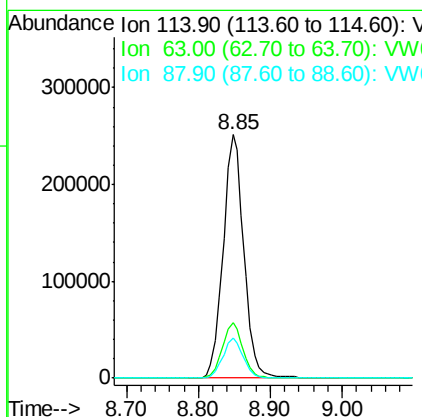
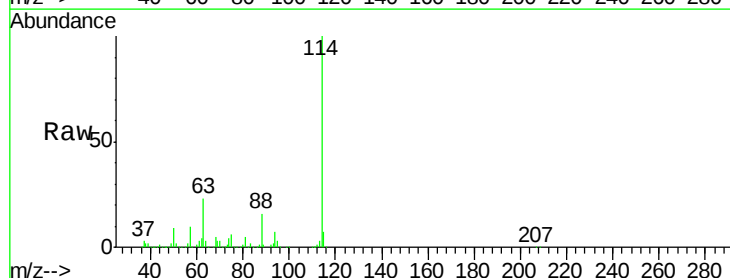
Tgt Ion: 114 Resp: 502672

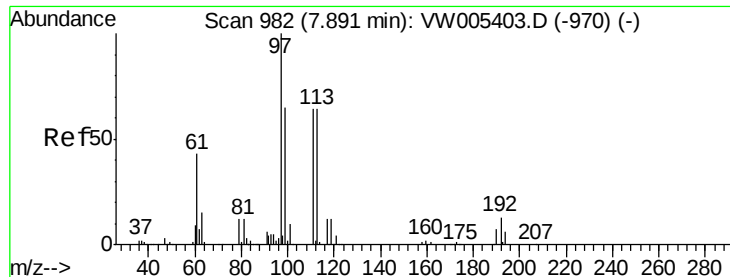
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 16.4 0.0 31.8





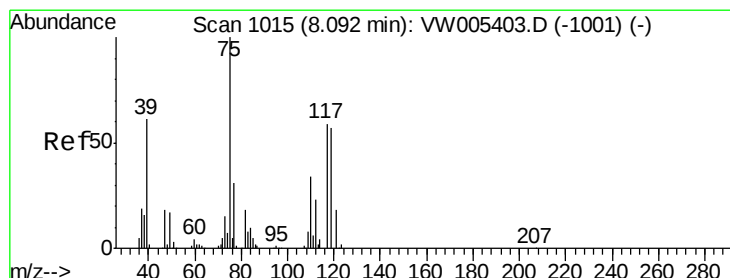
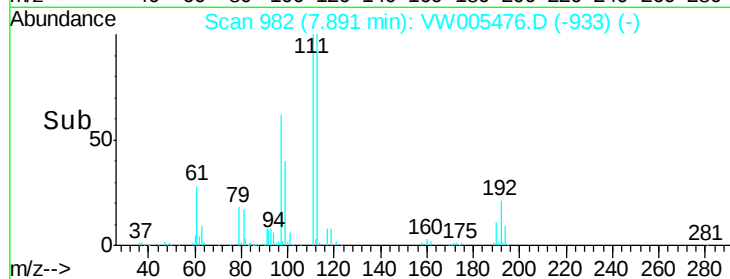
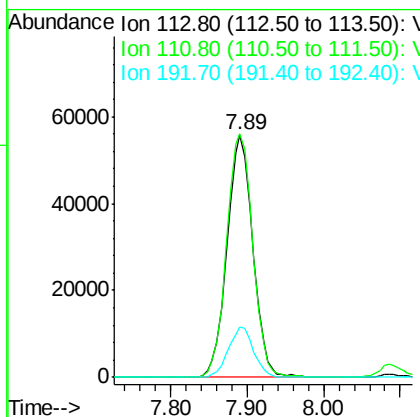
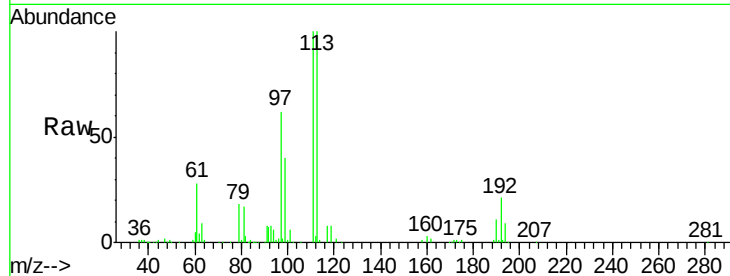
#35
 Dibromofluoromethane
 Concen: 45.97 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129562		
111	102.2	82.3	123.5	
192	20.3	16.5	24.7	

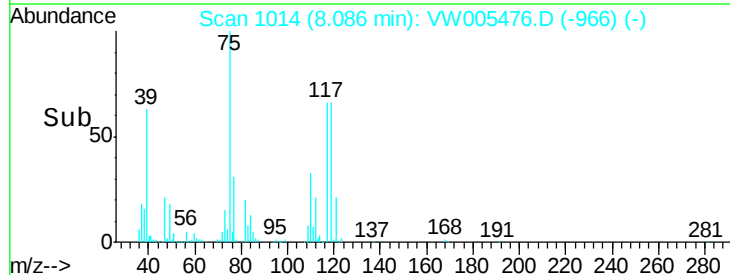
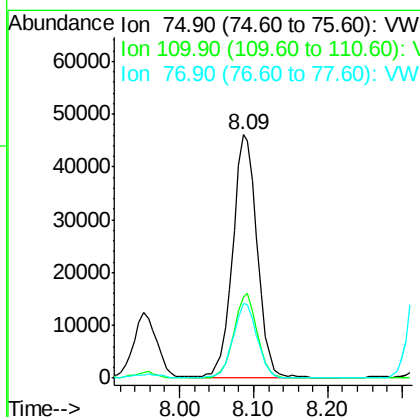
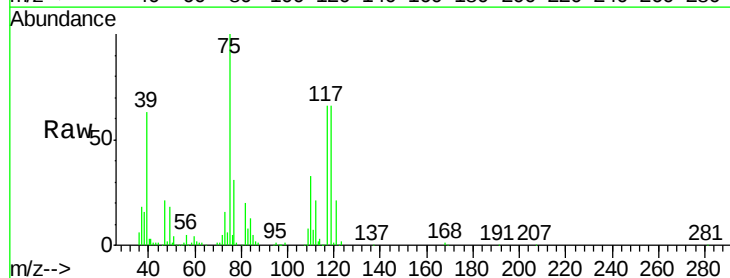
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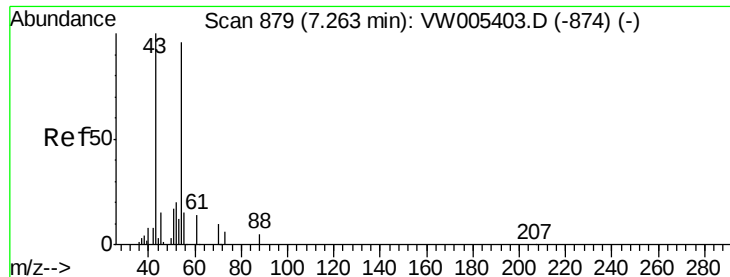
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#36
 1,1-Dichloropropene
 Concen: 22.32 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106201		
110	33.2	16.8	50.4	
77	30.6	24.2	36.4	





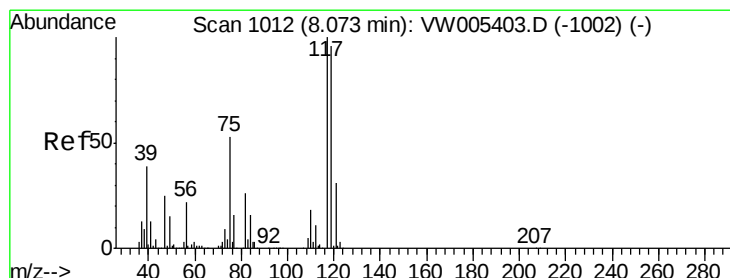
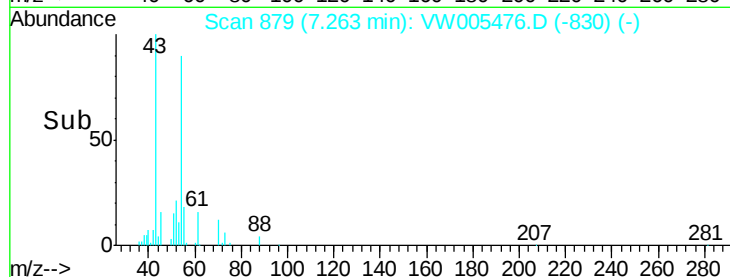
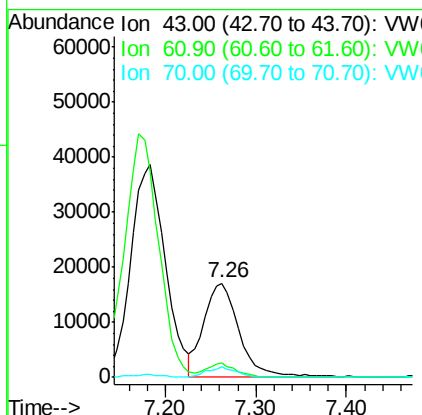
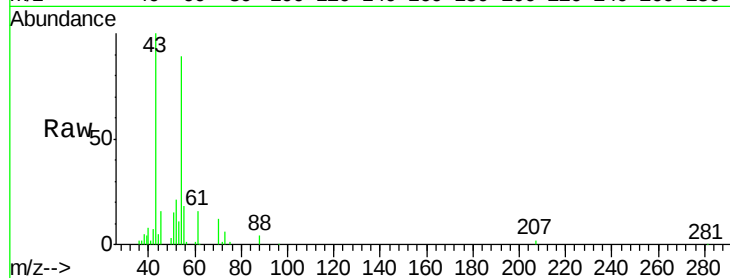
#37
Ethyl Acetate
Concen: 23.65 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.3	16.9
70	9.5	8.2	12.4

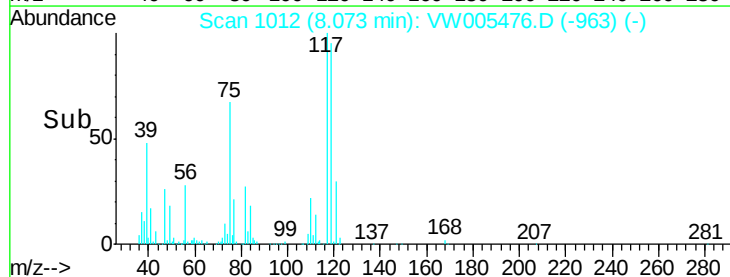
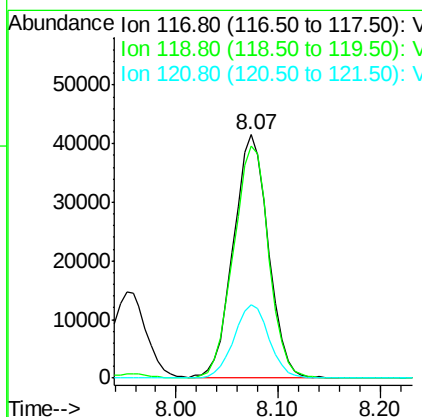
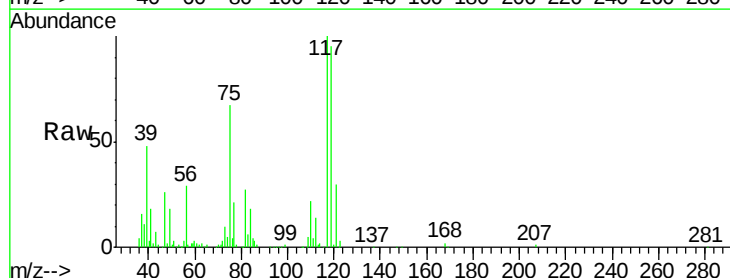
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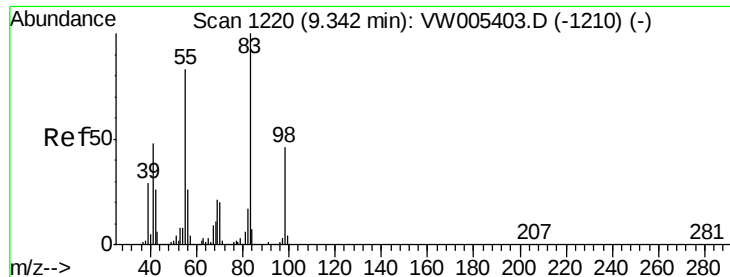
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#38
Carbon Tetrachloride
Concen: 19.82 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.8	115.2
121	30.1	24.7	37.1





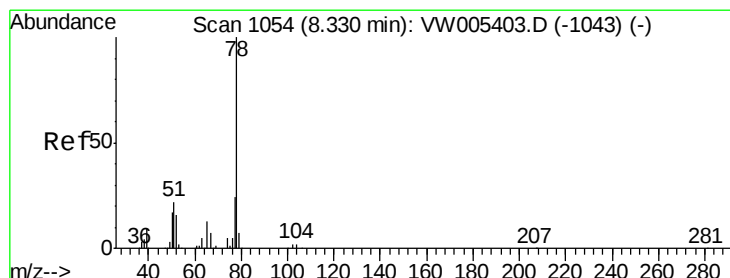
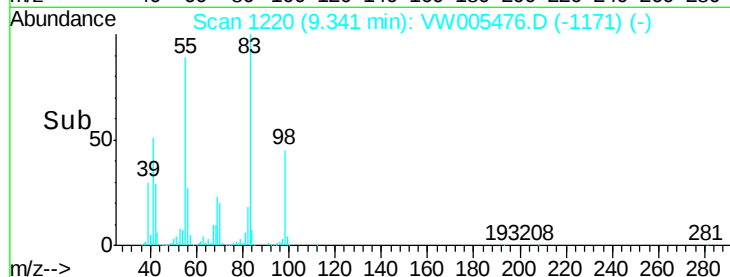
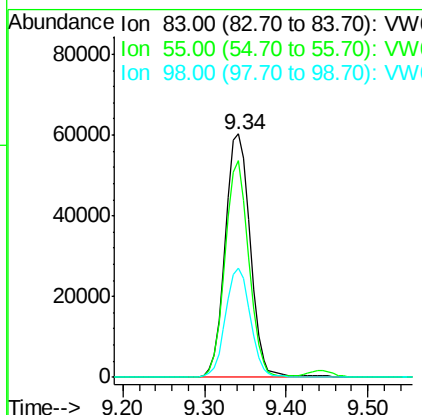
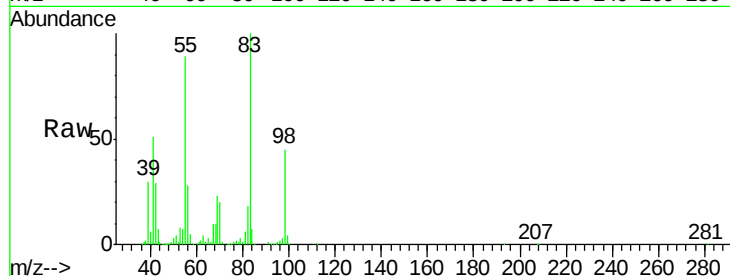
#39
Methvlcvclohexane
Concen: 23.20 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	89.1	66.1	99.1	
98	44.6	36.7	55.1	

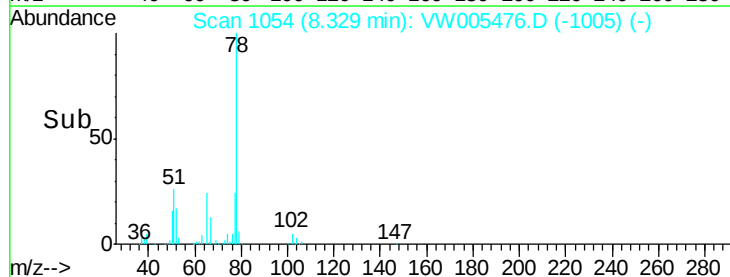
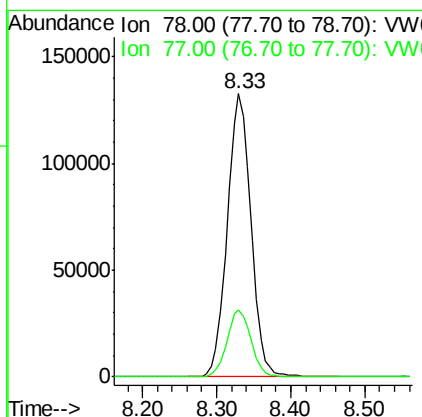
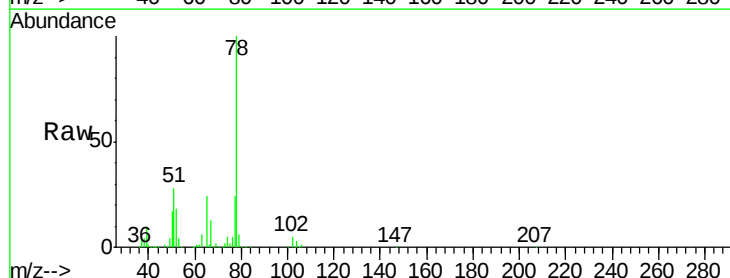
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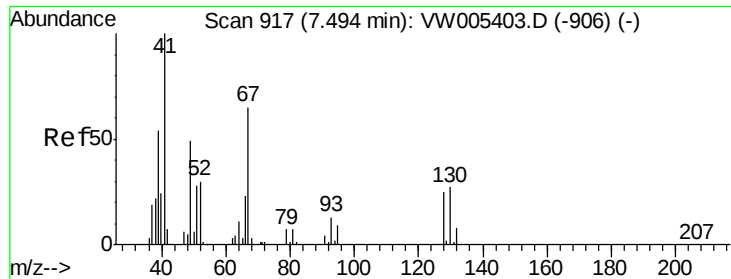
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#40
Benzene
Concen: 21.49 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.3	28.9	





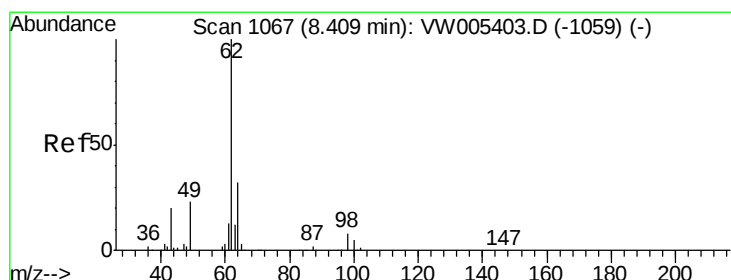
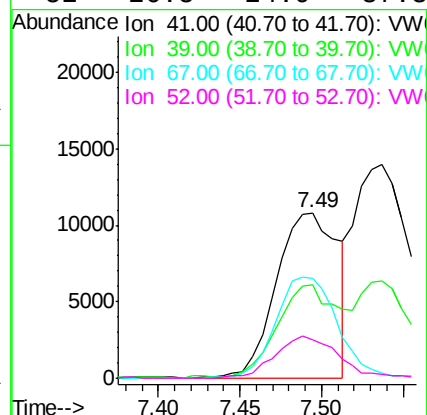
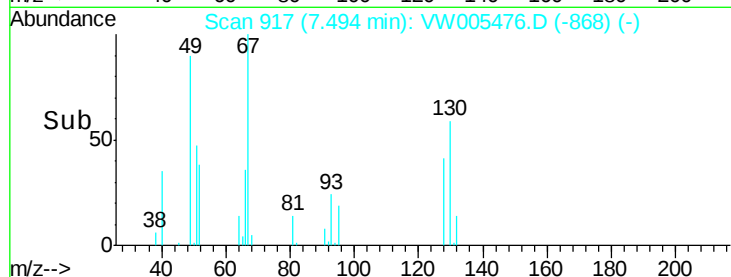
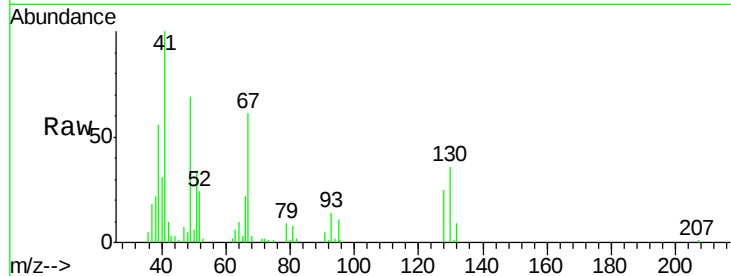
#41
Methacrylonitrile
Concen: 24.29 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.0	44.6	67.0
67	61.7	53.6	80.4
52	26.5	24.9	37.3

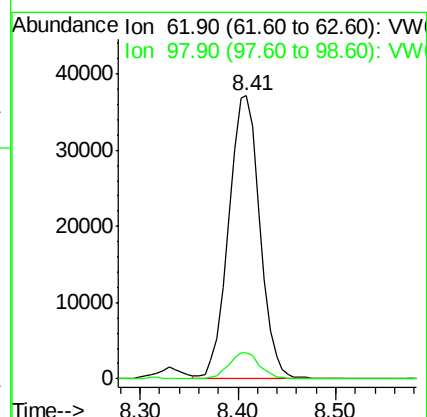
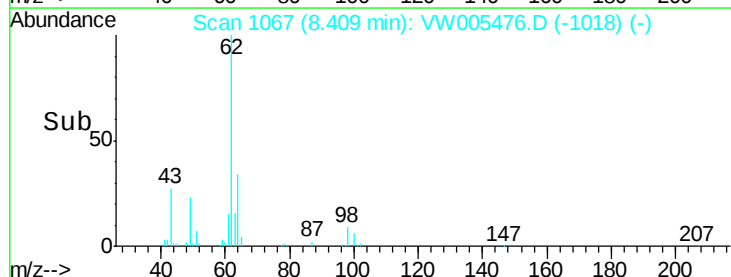
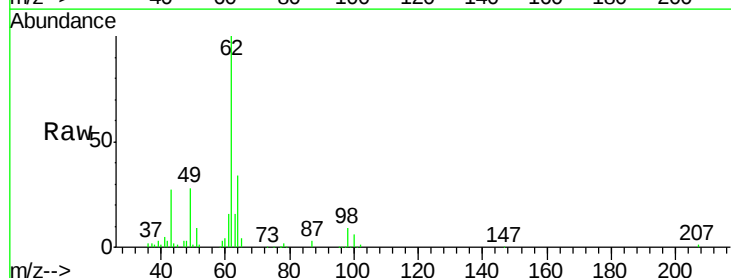
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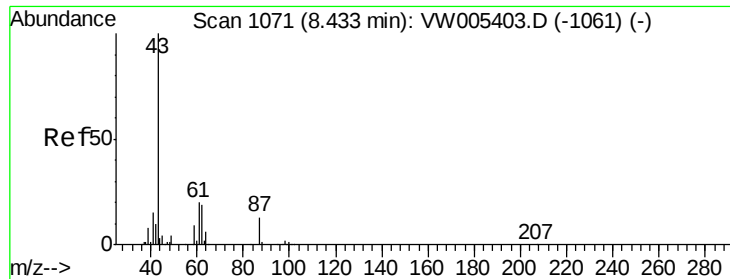
apatel
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#42
1,2-Dichloroethane
Concen: 19.02 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.6





#43

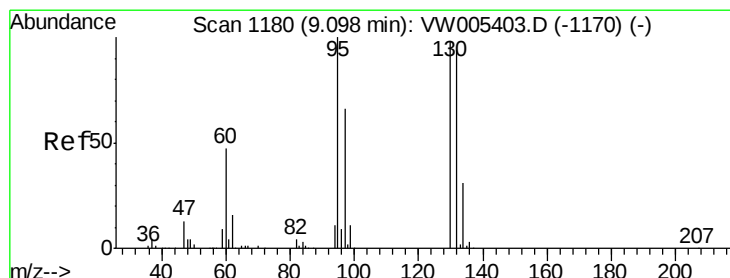
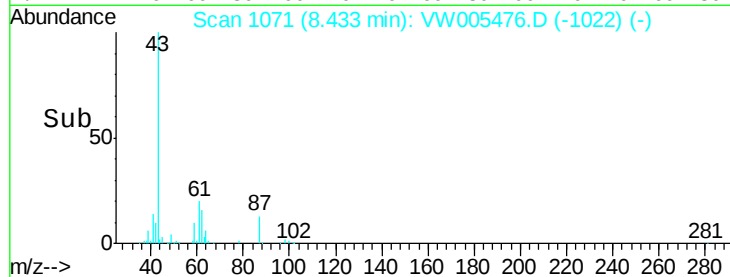
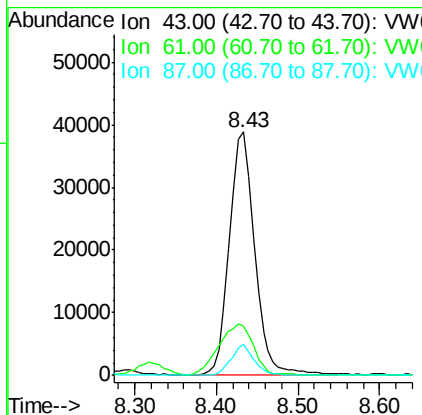
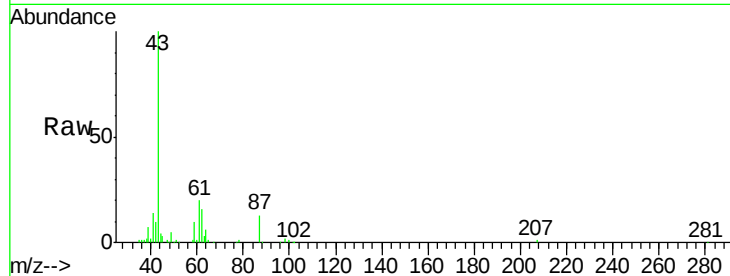
Isopropyl Acetate
 Concen: 22.26 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	43	Resp	84052
Ion Ratio	100	Lower	Upper
43	100		
61	29.2	23.8	35.6
87	11.4	10.1	15.1

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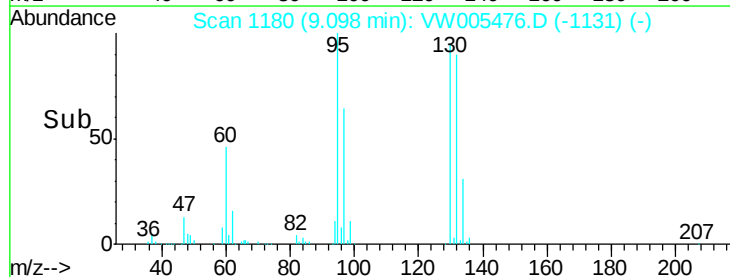
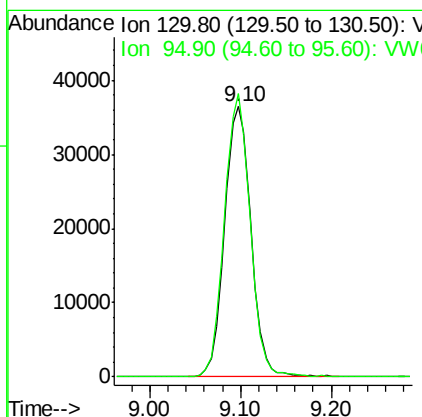
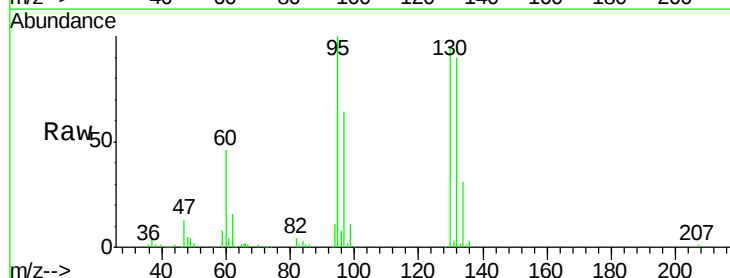
apatel
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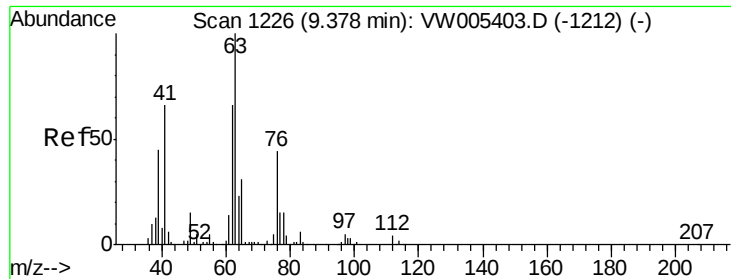


#44

Trichloroethene
 Concen: 20.76 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	130	Resp	73635
Ion Ratio	100	Lower	Upper
130	100		
95	104.8	0.0	204.6





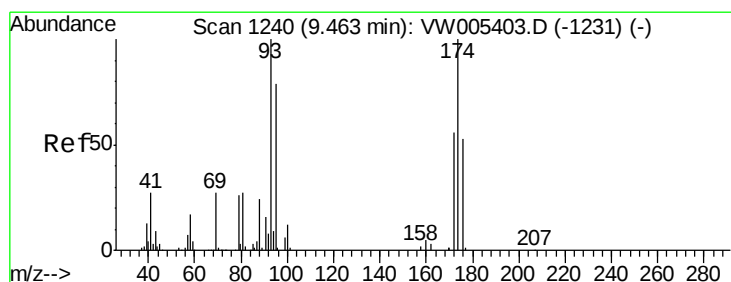
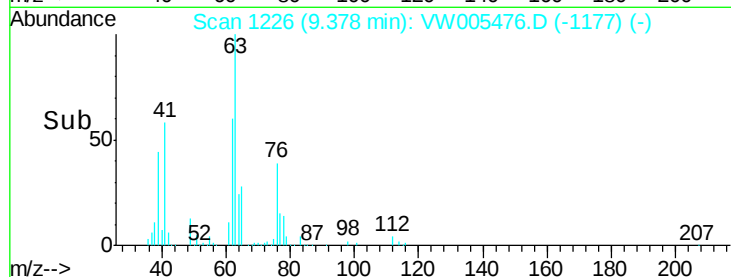
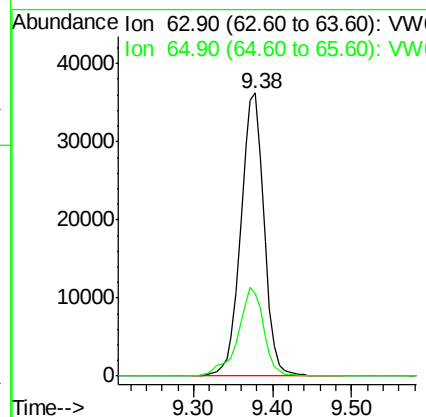
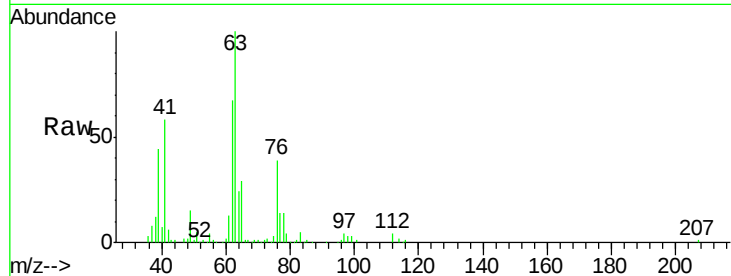
#45
 1,2-Dichloropropane
 Concen: 22.61 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	25.0	37.6

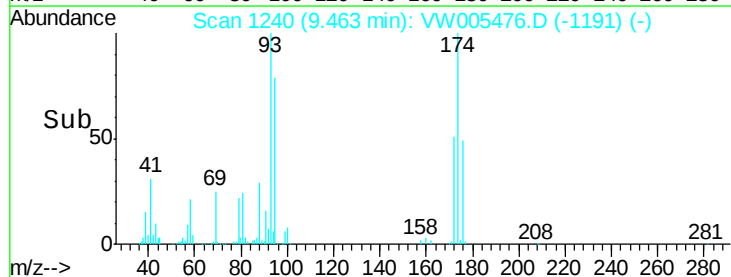
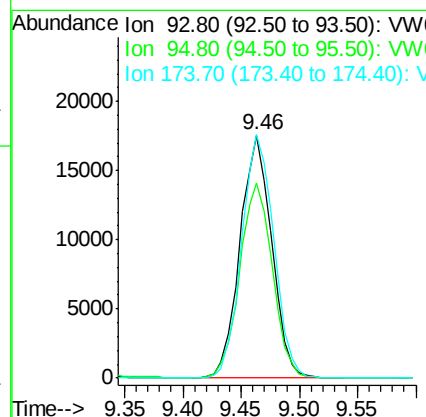
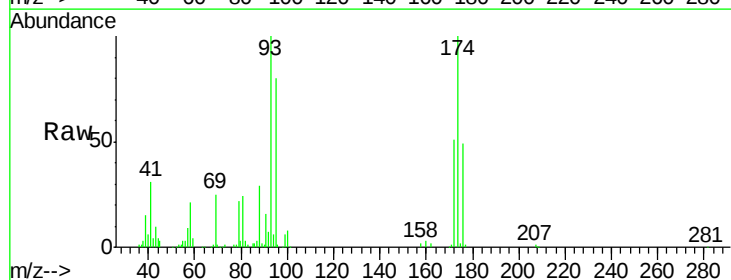
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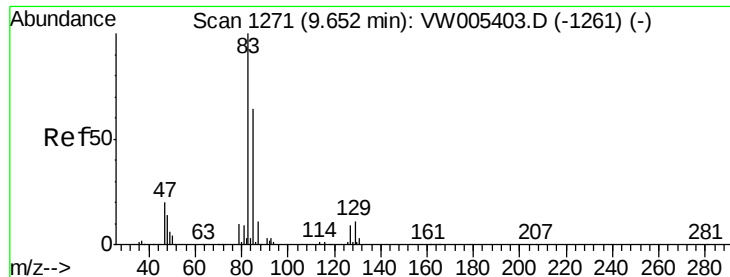
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#46
 Dibromomethane
 Concen: 20.59 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.4	98.0
174	101.7	83.4	125.2





#47

Bromodichloromethane

Concen: 20.40 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

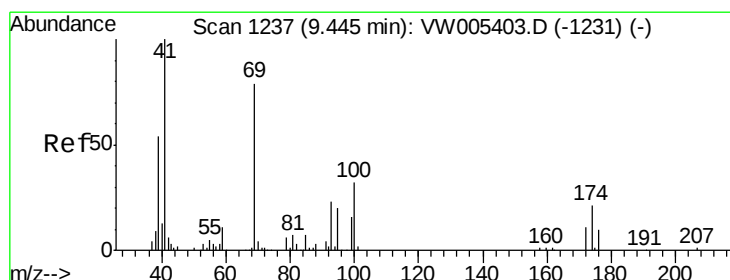
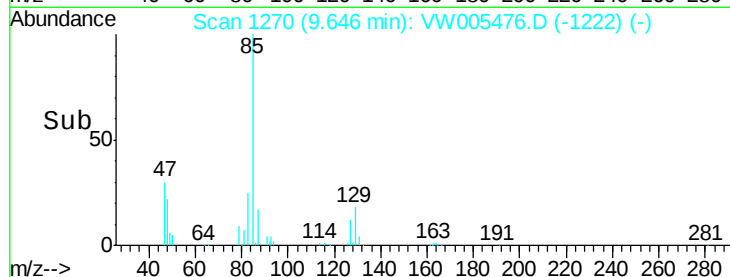
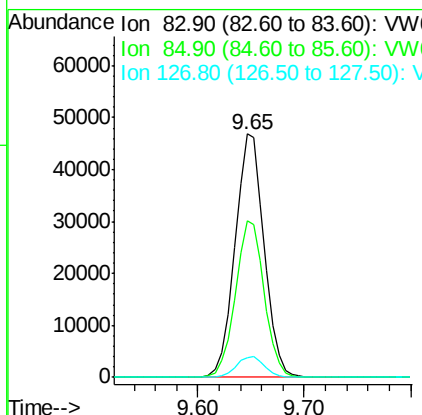
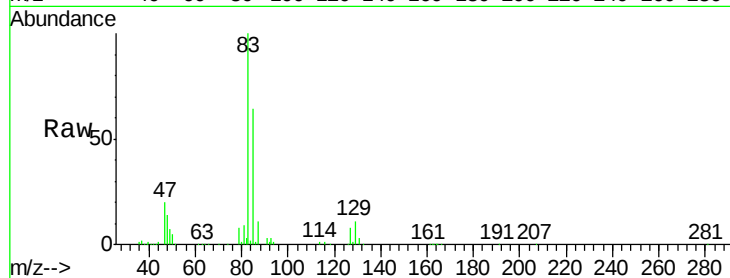
ClientSampleId :

VW0918SBS01

Tot Ion:	83	Resp:	89528
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.9	76.3
127	7.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 21.49 ug/l

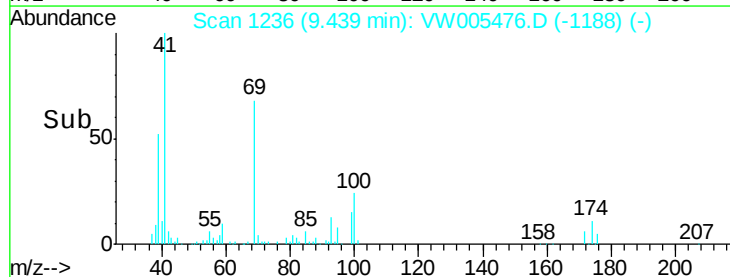
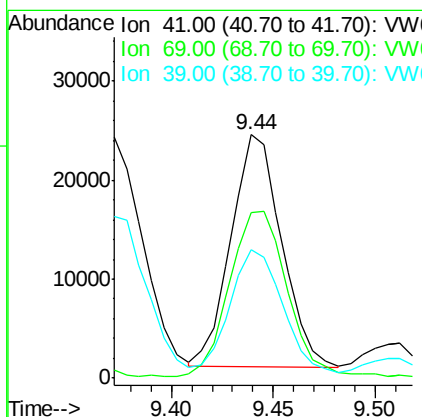
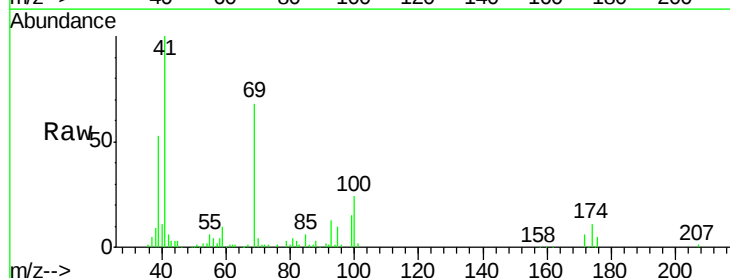
RT: 9.44 min Scan# 1236

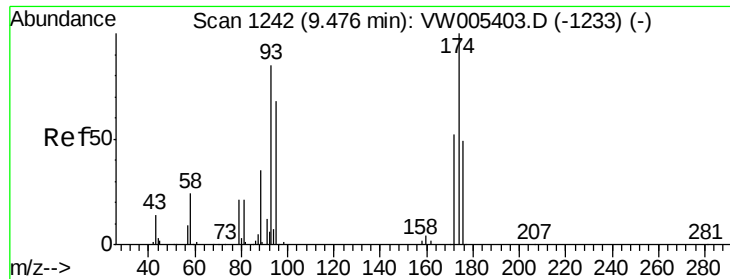
Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Tgt Ion:	41	Resp:	40488
Ion Ratio	Lower	Upper	
41	100		
69	82.9	67.5	101.3
39	54.1	45.5	68.3





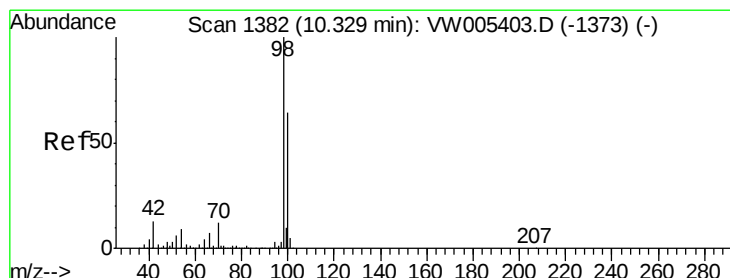
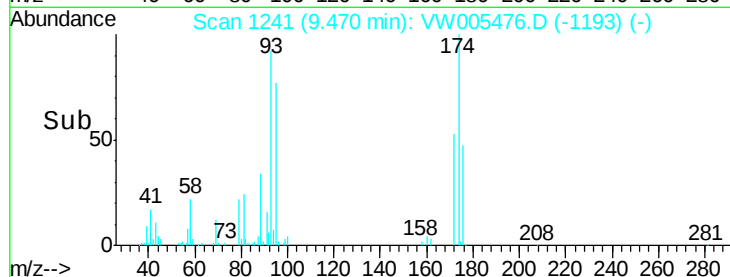
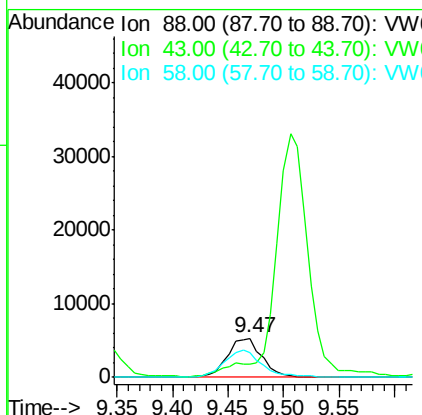
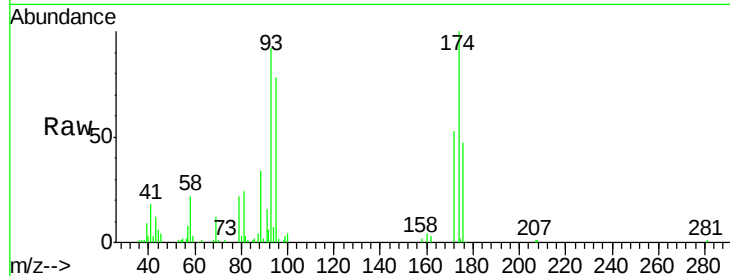
#49
1,4-Dioxane
Concen: 422.01 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	88	Resp	11392
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.2	62.4	93.6

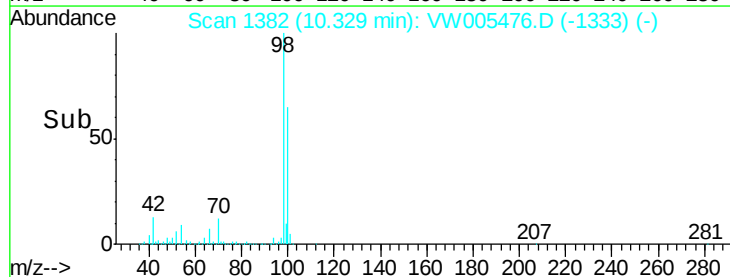
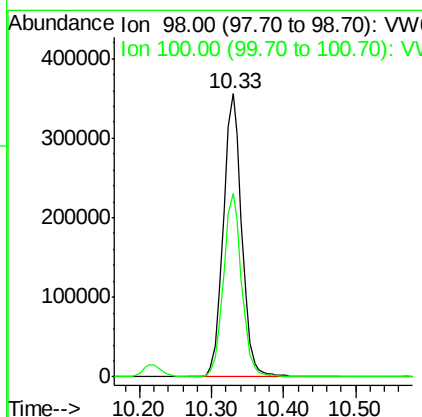
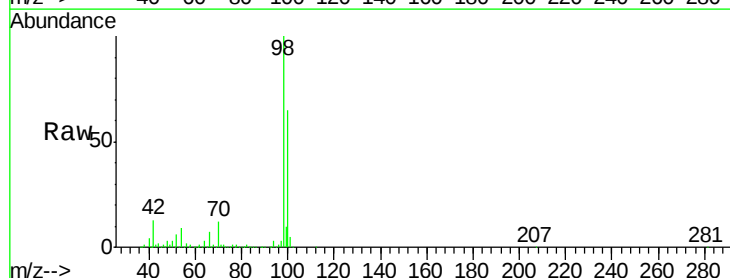
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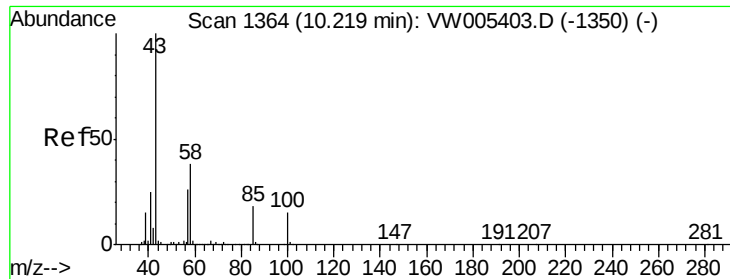
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#50
Toluene-d8
Concen: 49.27 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	98	Resp	635964
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 115.08 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 43 Resp: 223677

Ion Ratio Lower Upper

43 100

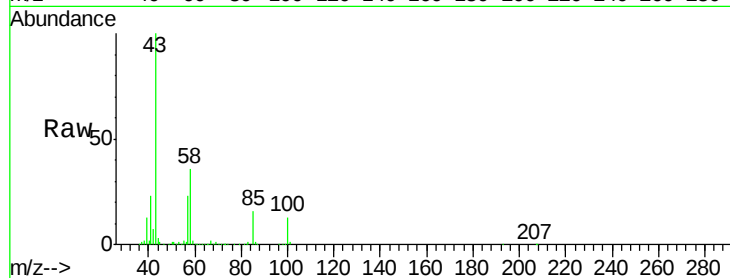
58 36.1 29.9 44.9

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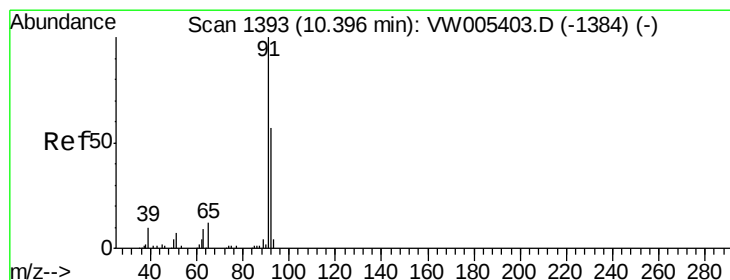
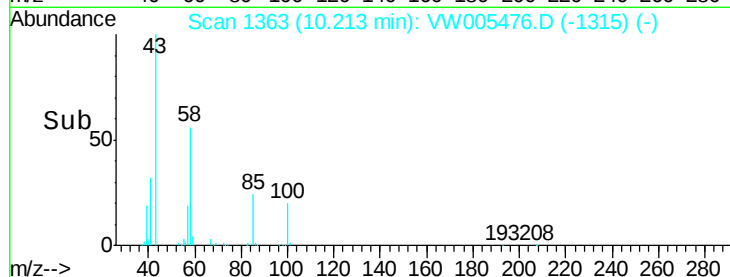
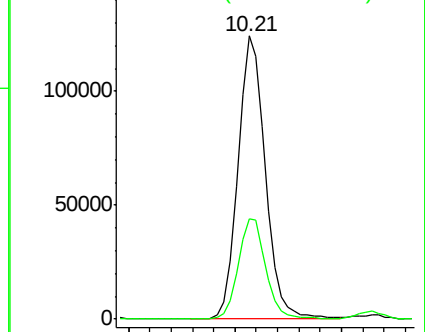
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.54 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005476.D

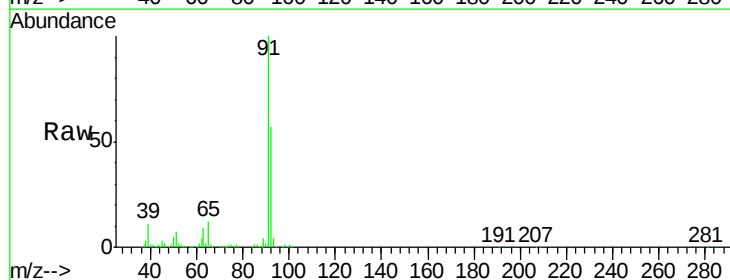
Acq: 18 Sep 2018 14:07

Tgt Ion: 92 Resp: 201027

Ion Ratio Lower Upper

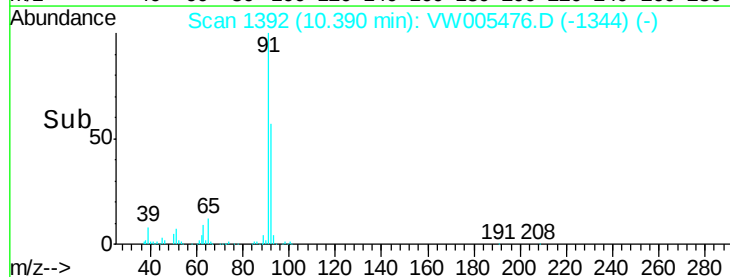
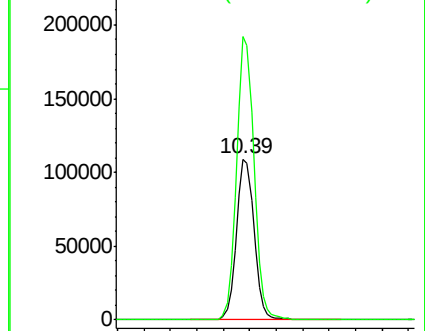
92 100

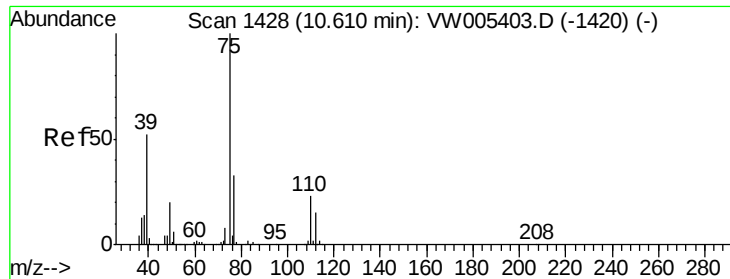
91 174.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.52 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 75 Resp: 90096

Ion Ratio Lower Upper

75 100

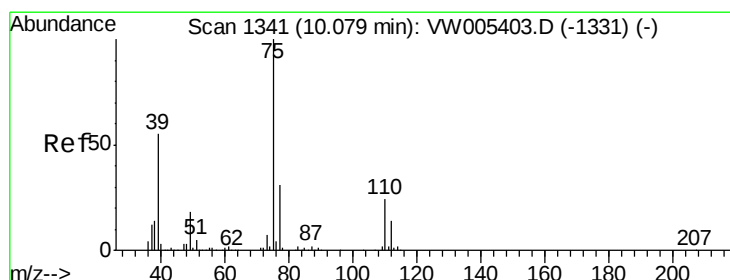
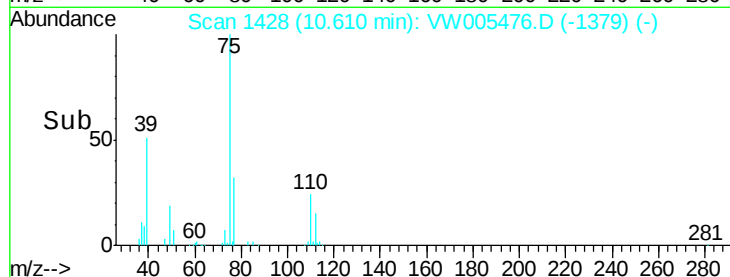
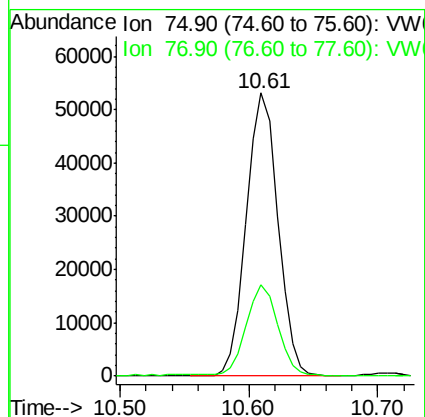
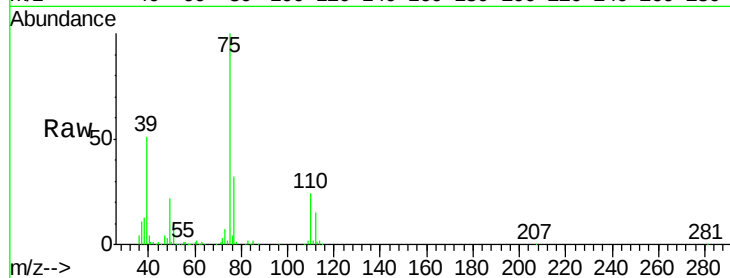
77 31.9 26.5 39.7

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#54

cis-1,3-Dichloropropene

Concen: 21.77 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

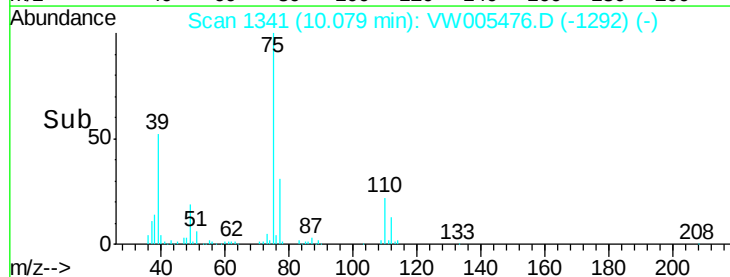
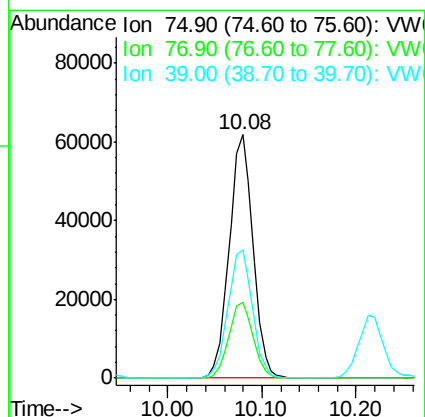
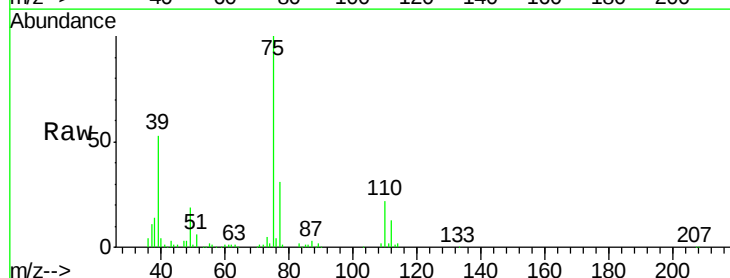
Tgt Ion: 75 Resp: 108253

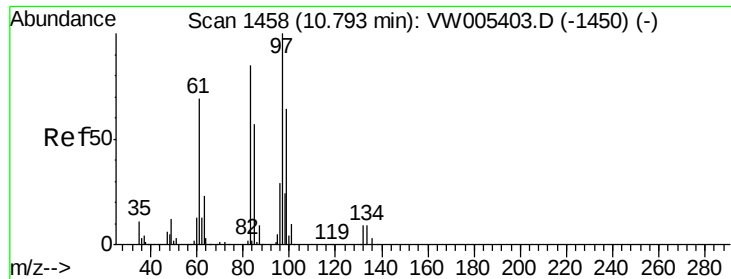
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 52.3 44.2 66.2





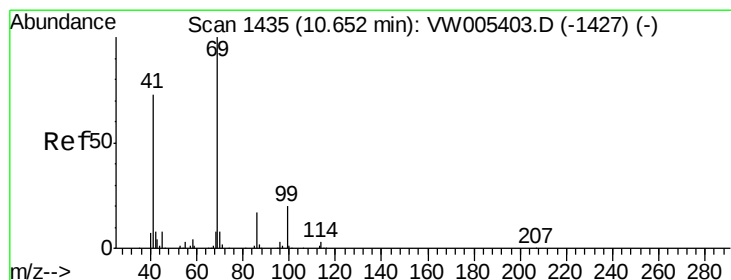
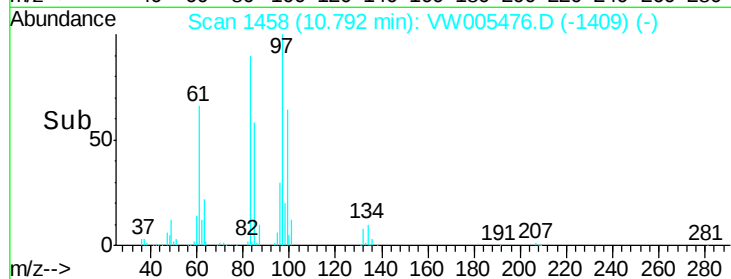
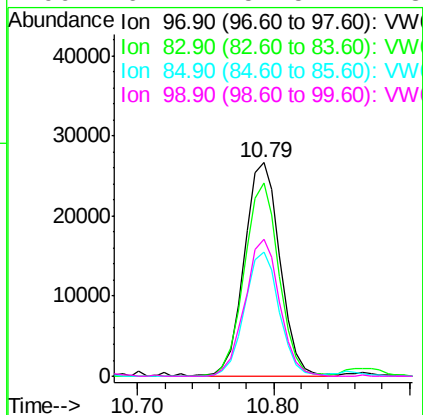
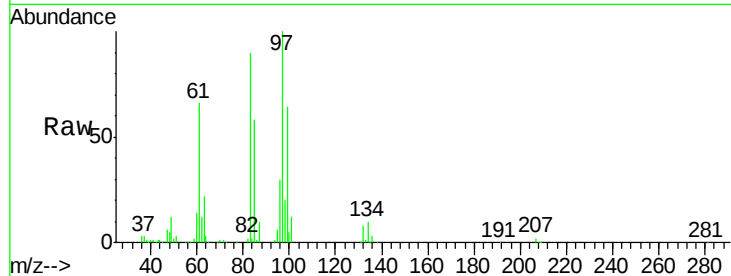
#55
 1,1,2-Trichloroethane
 Concen: 20.20 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion:	97	Resp:	48628
Ion	Ratio	Lower	Upper
97	100		
83	90.7	67.8	101.8
85	58.3	45.4	68.0
99	64.2	51.5	77.3

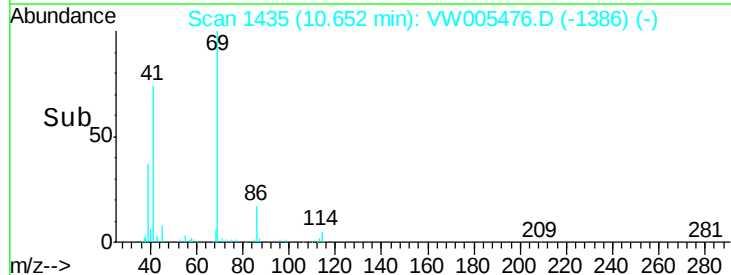
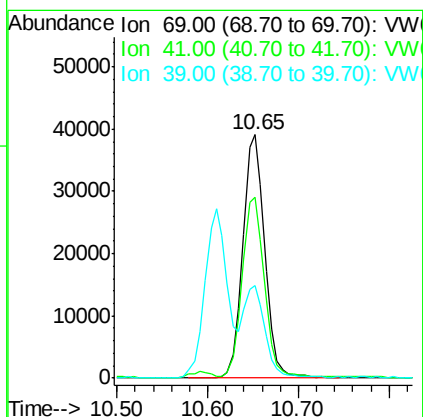
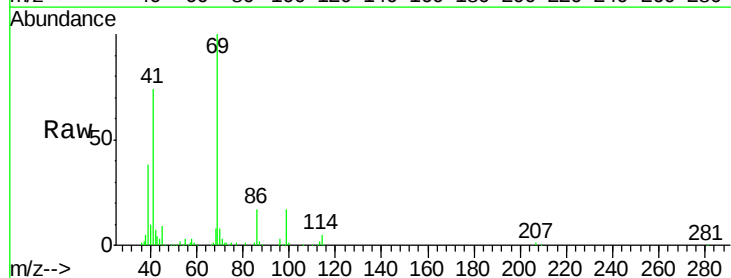
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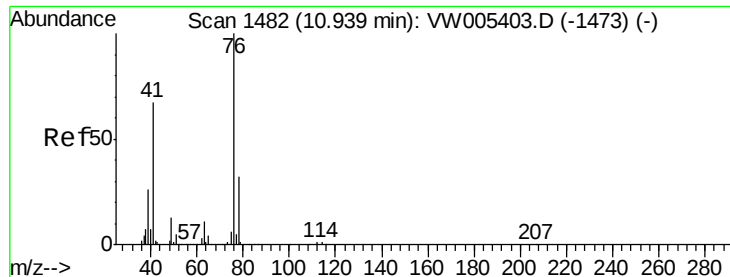
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#56
 Ethyl methacrylate
 Concen: 21.51 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion:	69	Resp:	65536
Ion	Ratio	Lower	Upper
69	100		
41	74.8	59.3	88.9
39	34.9	30.2	45.4





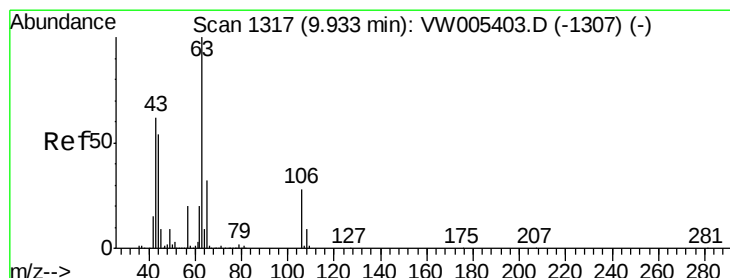
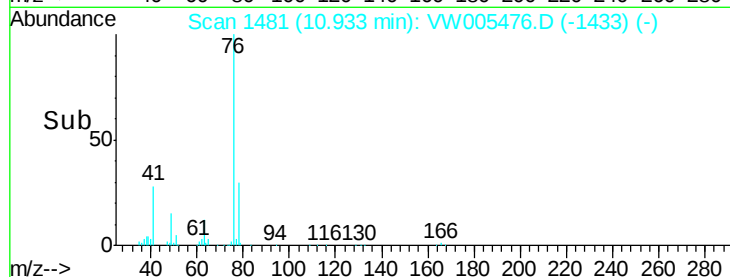
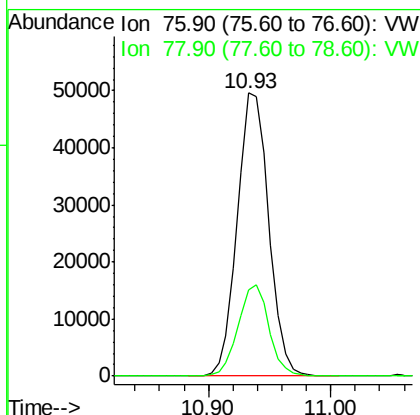
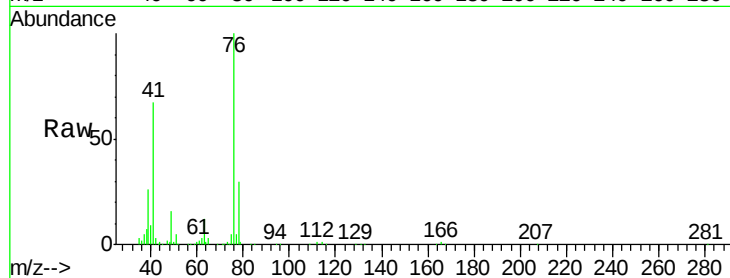
#57
 1,3-Dichloropropane
 Concen: 21.29 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion: 76 Resp: 88475
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.6 38.4

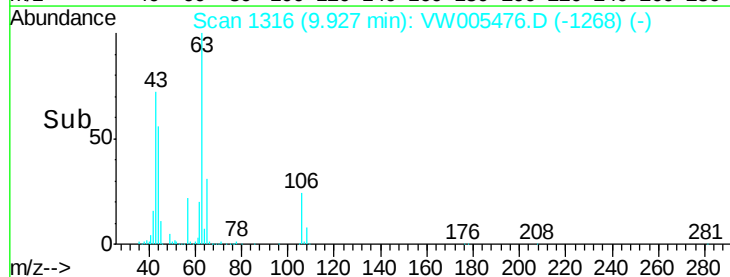
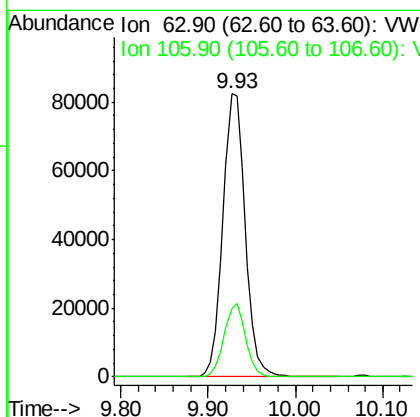
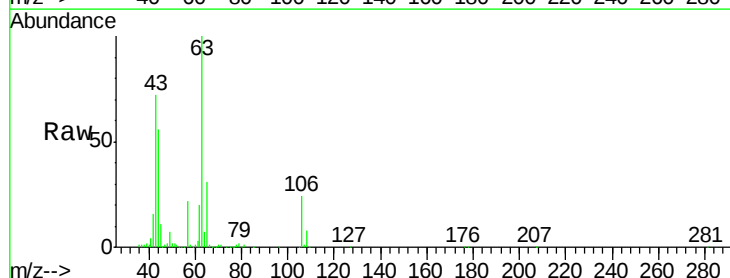
Manual Integrations
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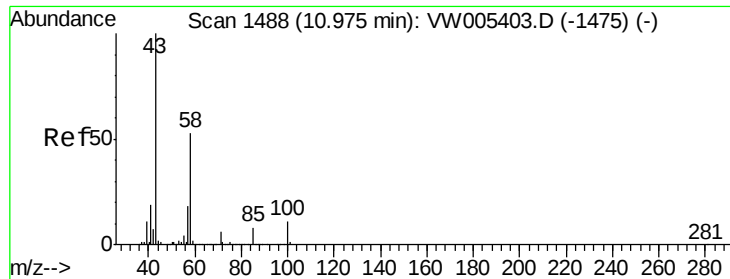
apatel
 9/19/2018 11:25:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.99 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion: 63 Resp: 146060
 Ion Ratio Lower Upper
 63 100
 106 25.1 22.0 33.0





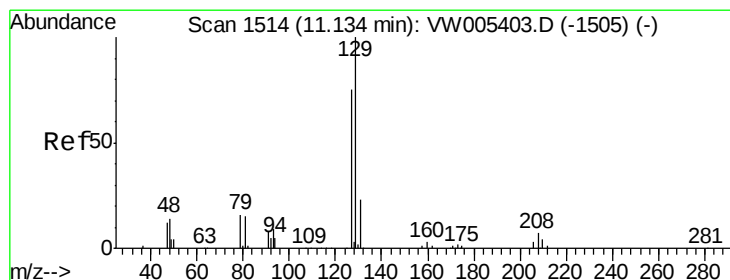
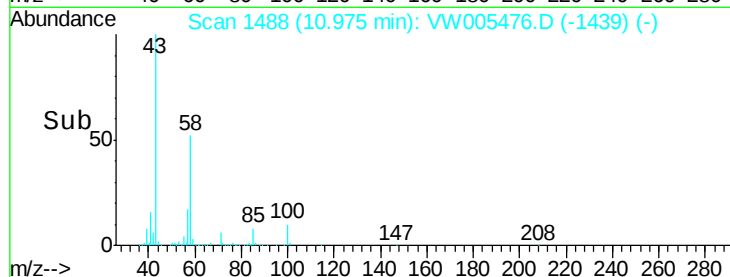
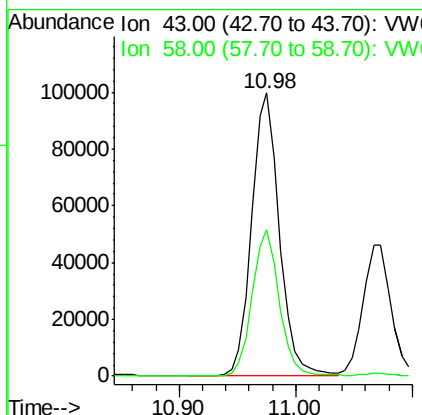
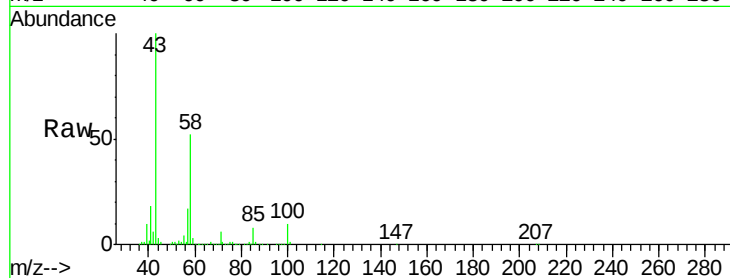
#59
2-Hexanone
Concen: 125.34 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion: 43 Resp: 165936
Ion Ratio Lower Upper
43 100
58 50.8 25.5 76.5

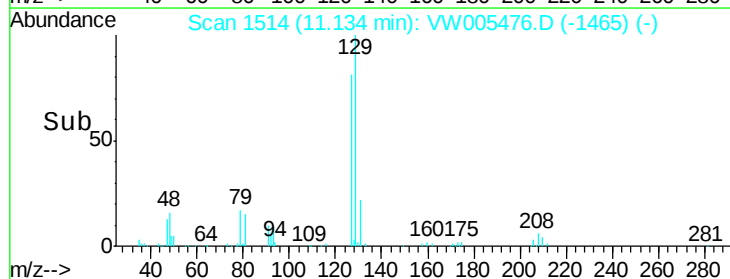
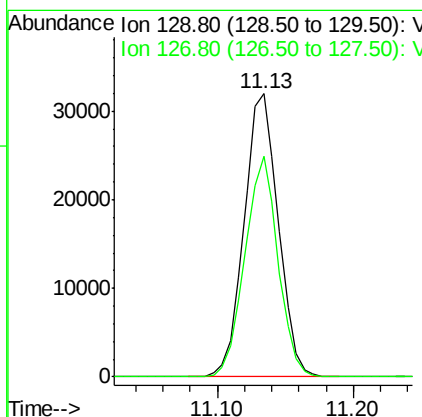
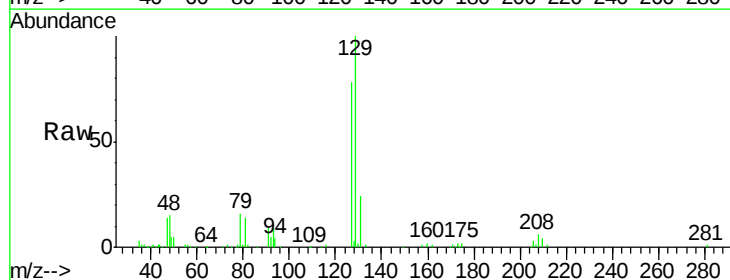
Manual Integrations
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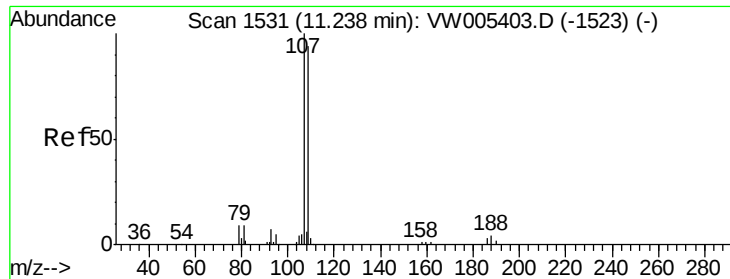
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#60
Dibromochloromethane
Concen: 19.39 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion: 129 Resp: 56154
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.3





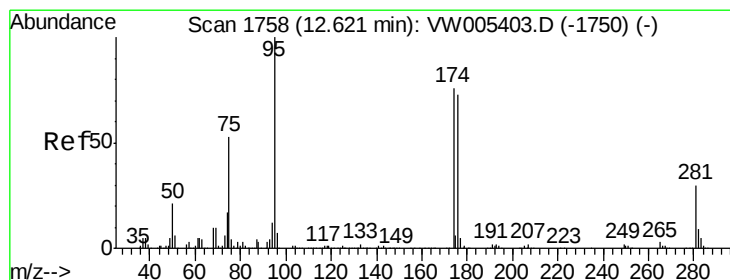
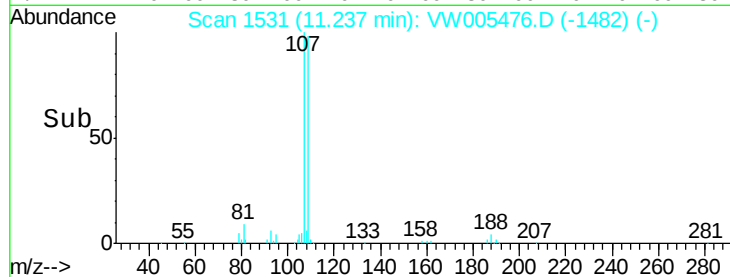
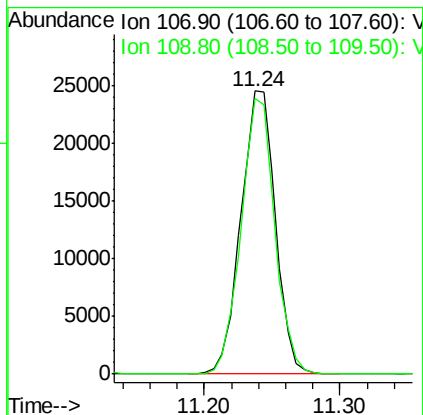
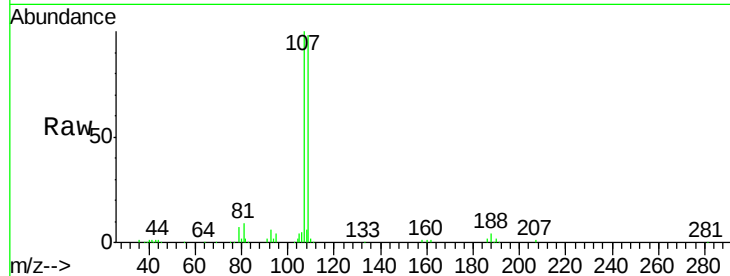
#61
 1,2-Dibromoethane
 Concen: 20.18 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion: 107 Resp: 43563
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.6

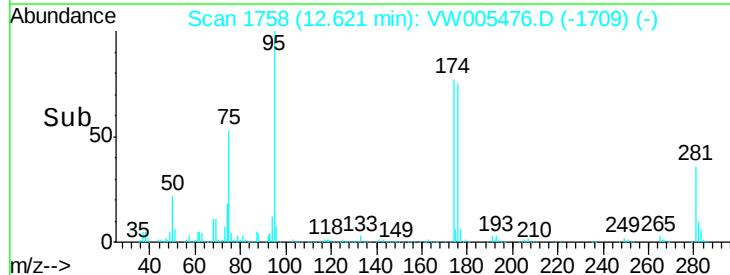
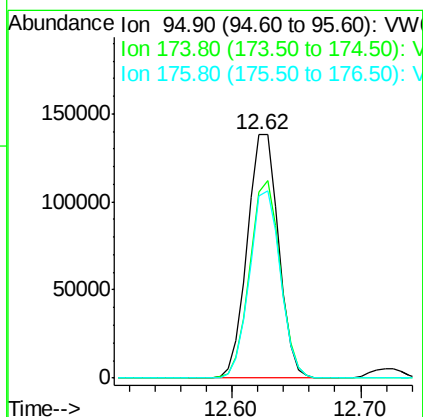
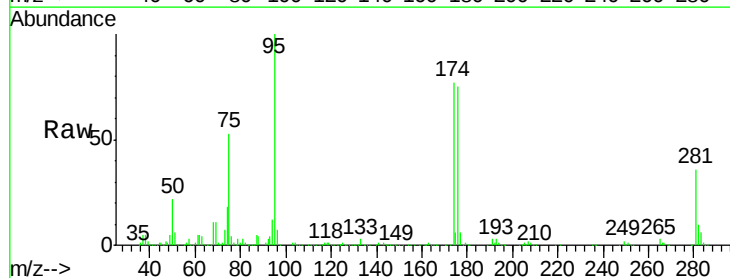
Manual Integrations
 APPROVED

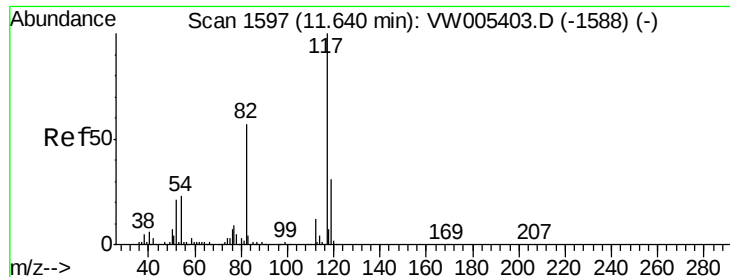
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.91 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion: 95 Resp: 231475
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 161.2
 176 75.6 0.0 156.6





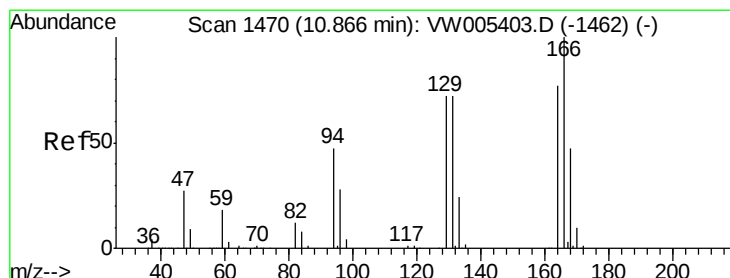
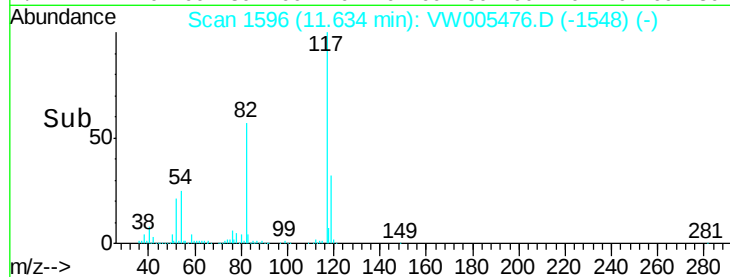
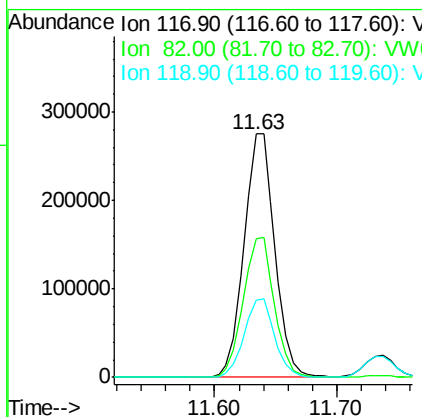
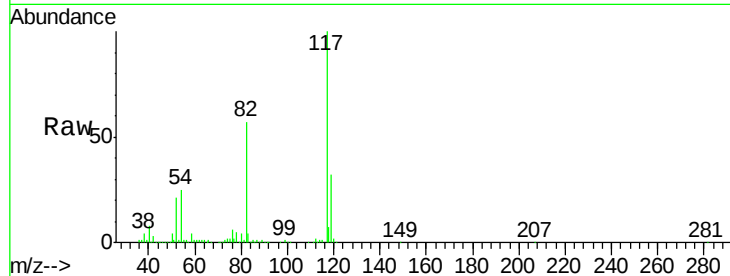
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	481542		
82	56.7		45.9	68.9
119	31.9		24.8	37.2

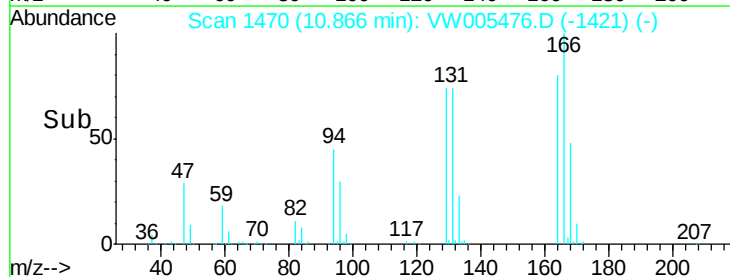
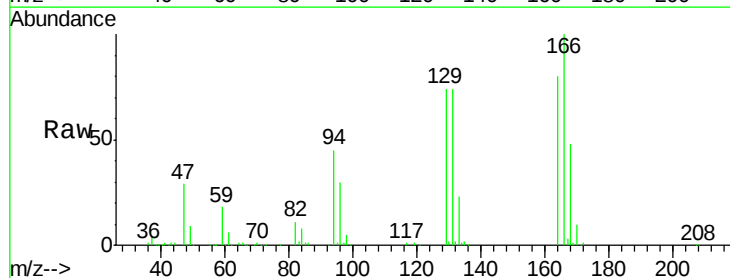
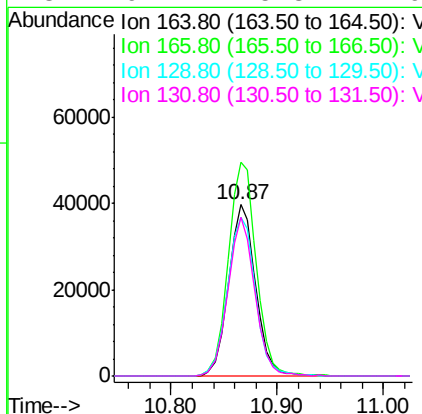
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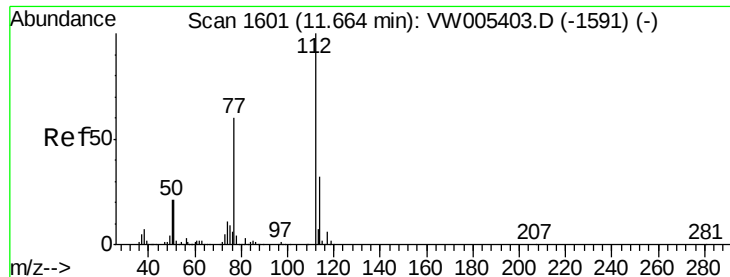
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#64
Tetrachloroethene
Concen: 19.83 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70589		
166	124.8		104.0	156.0
129	92.6		74.9	112.3
131	92.7		75.3	112.9





#65

Chlorobenzene

Concen: 20.42 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion:112 Resp: 208637

Ion Ratio Lower Upper

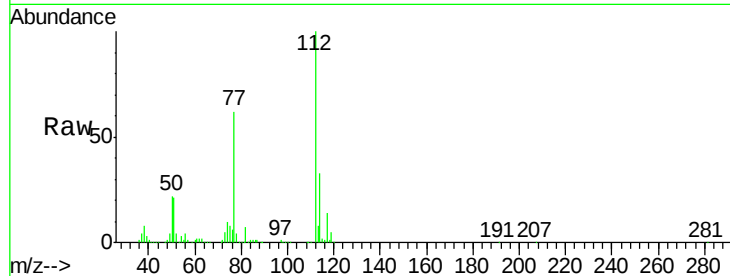
112 100

114 33.3 25.3 37.9

Manual Integrations
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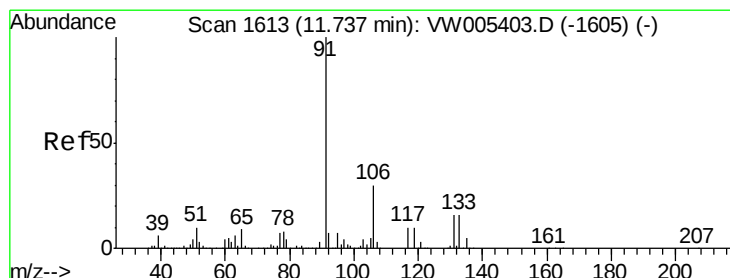
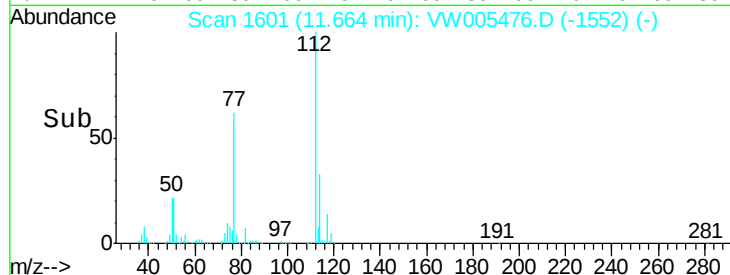
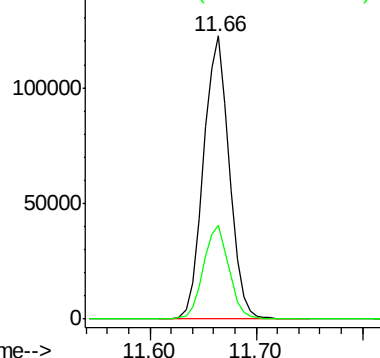
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.33 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

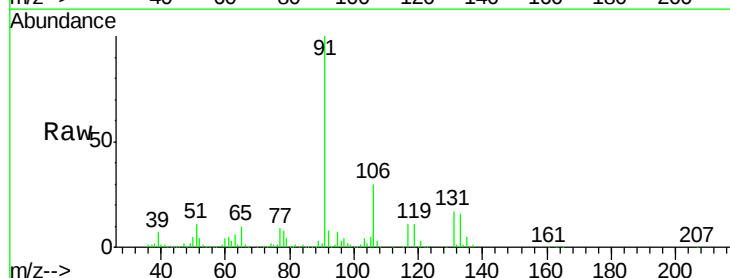
Tgt Ion:131 Resp: 63139

Ion Ratio Lower Upper

131 100

133 96.2 47.3 141.9

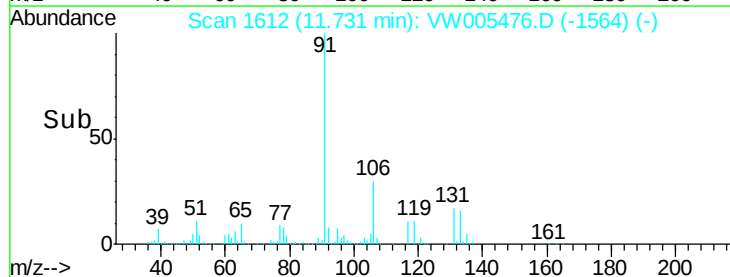
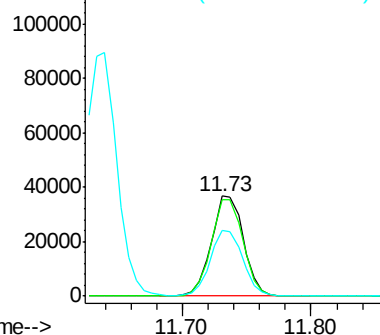
119 66.8 31.1 93.5

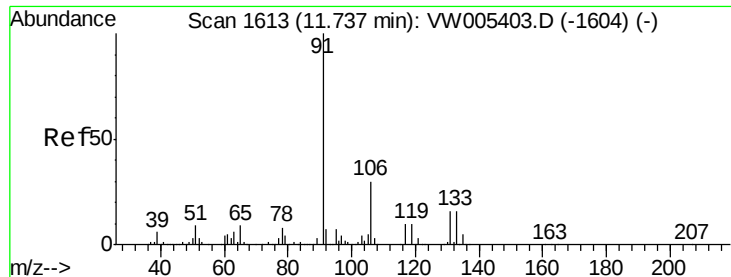


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





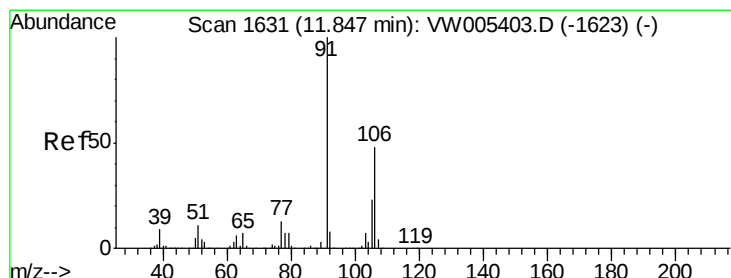
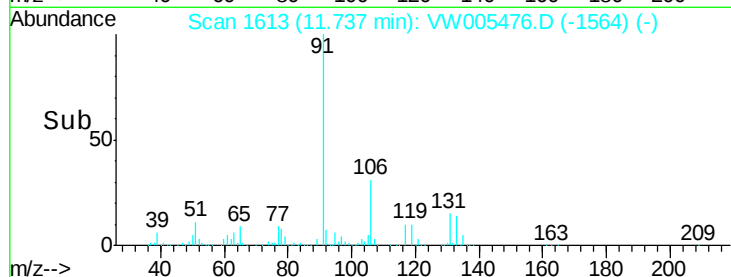
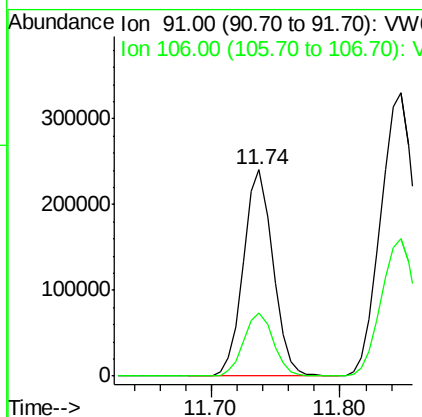
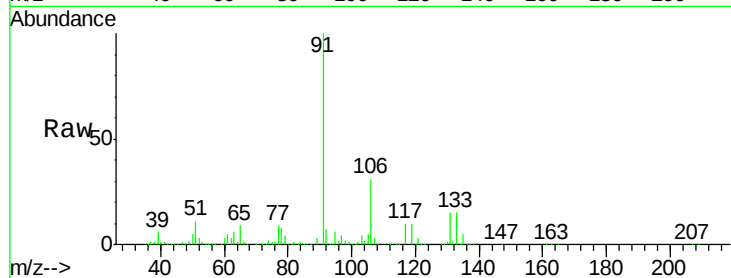
#67
Ethyl Benzene
Concen: 21.28 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion: 91 Resp: 382508
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

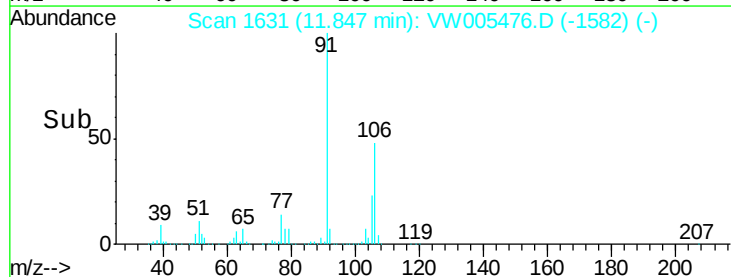
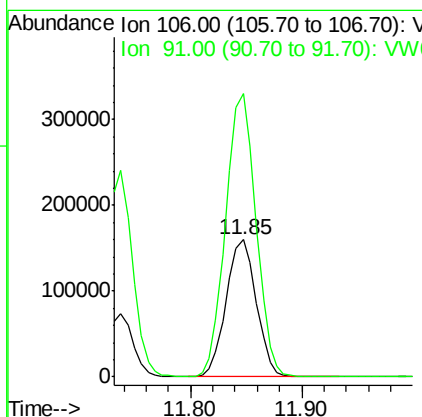
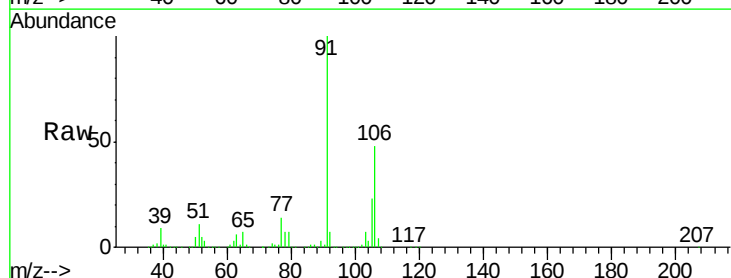
Manual Integrations
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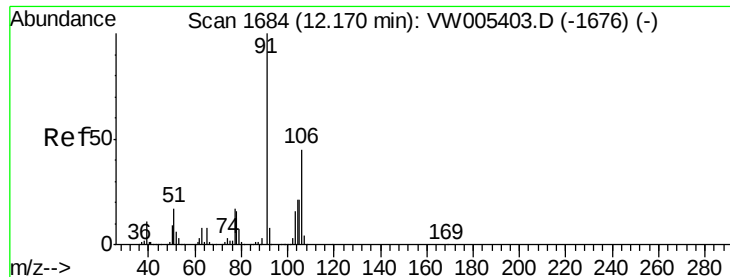
apatel
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#68
m/p-Xylenes
Concen: 43.50 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion: 106 Resp: 300881
Ion Ratio Lower Upper
106 100
91 207.9 167.9 251.9





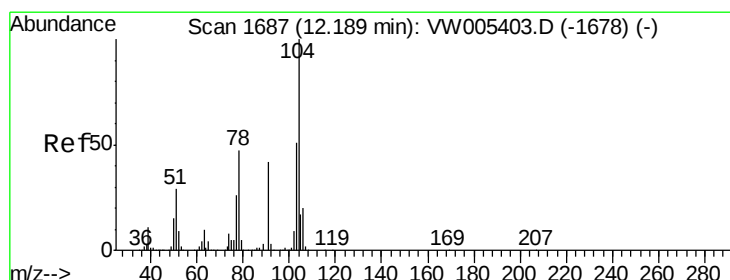
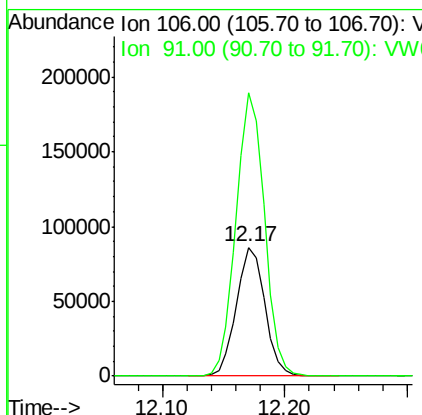
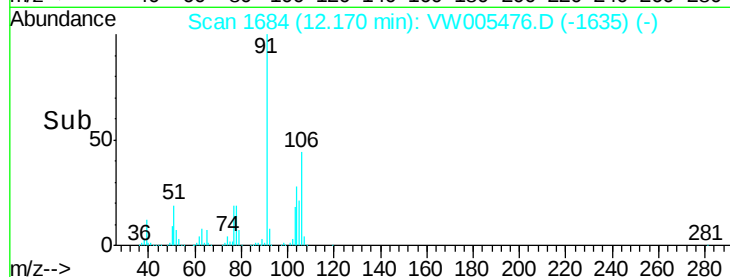
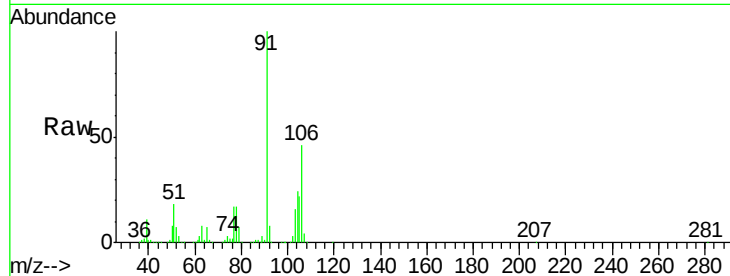
#69
o-Xylene
Concen: 21.50 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion:106 Resp: 138492
Ion Ratio Lower Upper
106 100
91 220.0 110.6 331.6

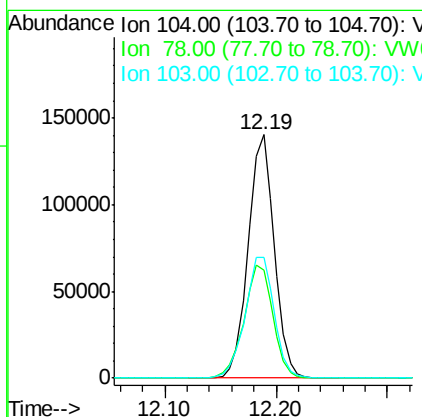
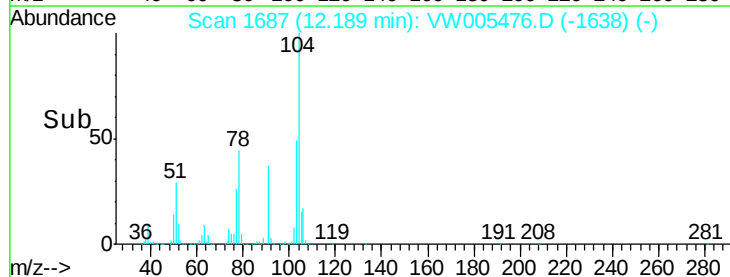
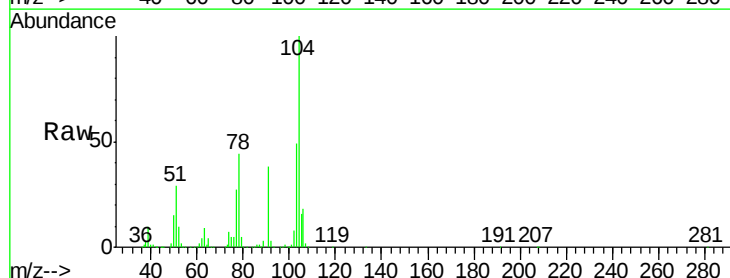
Manual Integrations
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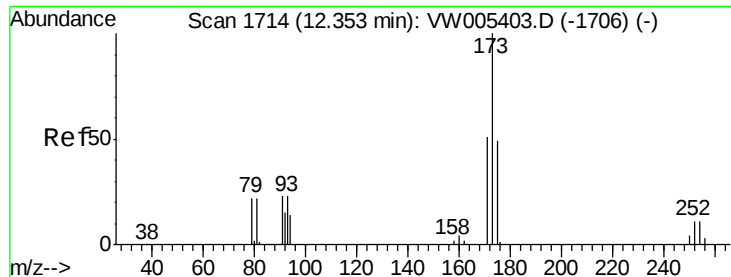
apatel
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#70
Styrene
Concen: 21.55 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion:104 Resp: 229122
Ion Ratio Lower Upper
104 100
78 51.7 42.4 63.6
103 55.5 44.8 67.2





#71

Bromoform

Concen: 18.44 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

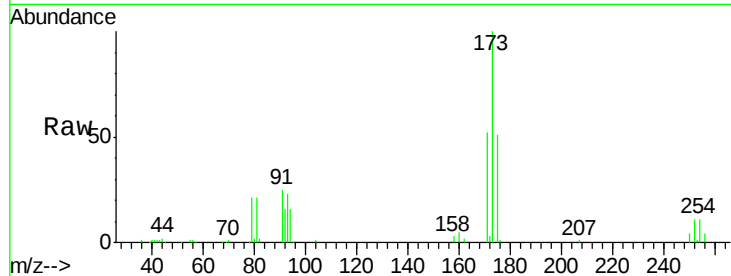
ClientSampleId :

VW0918SBS01

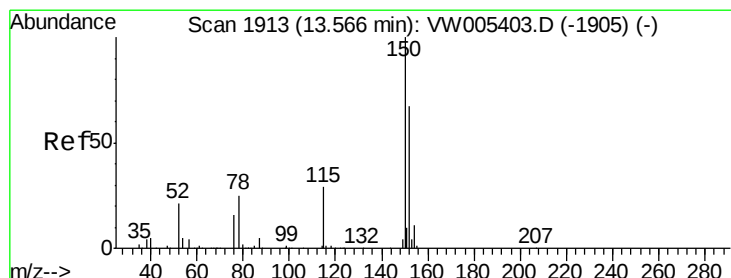
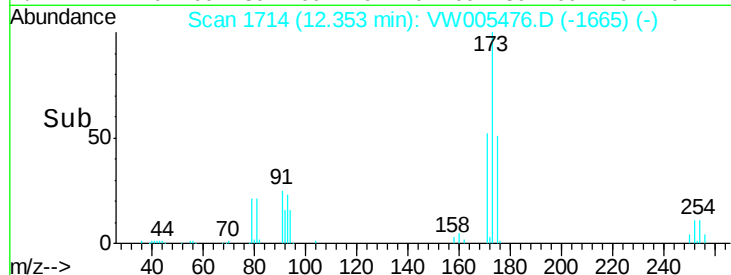
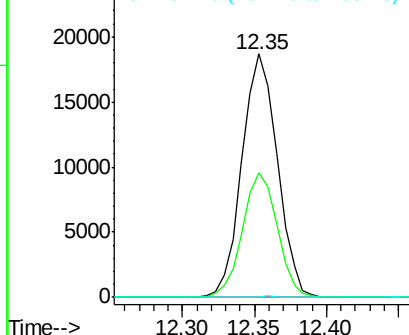
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100		31872		
175	49.9	24.2	72.6		
254	0.1	0.0	0.0		

Manual Integrations
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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

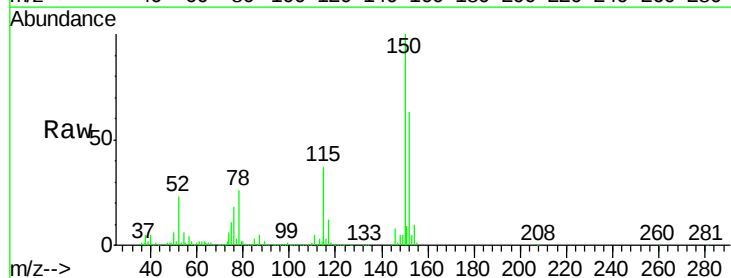
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

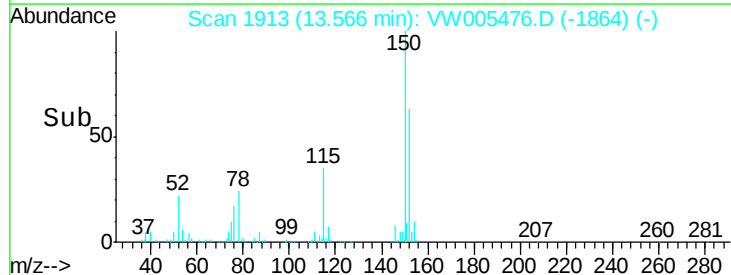
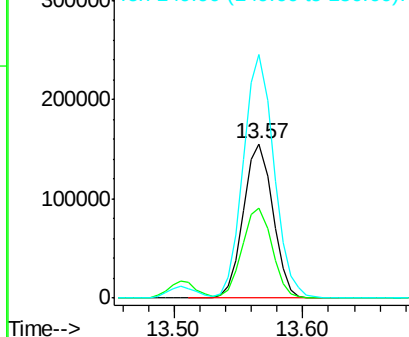
Lab File: VW005476.D

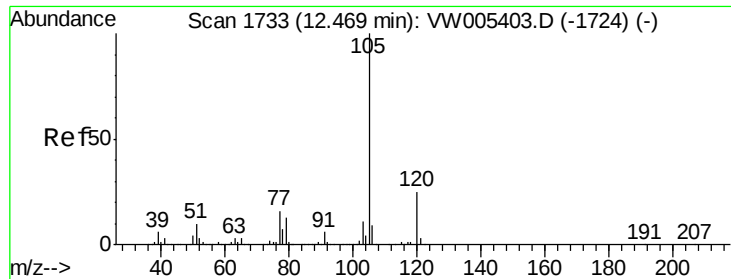
Acq: 18 Sep 2018 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		245097		
115	59.5	29.5	88.5		
150	164.6	0.0	345.6		



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





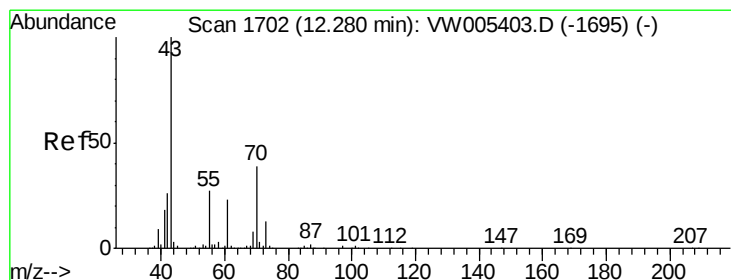
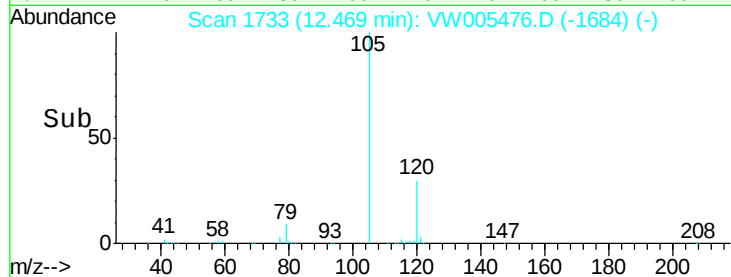
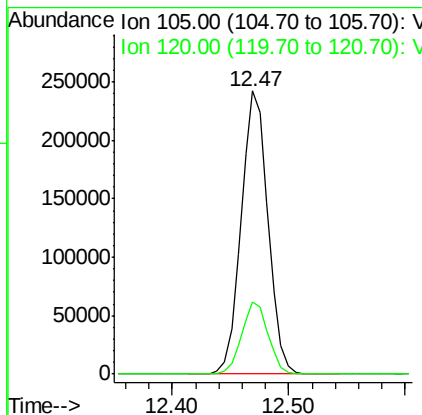
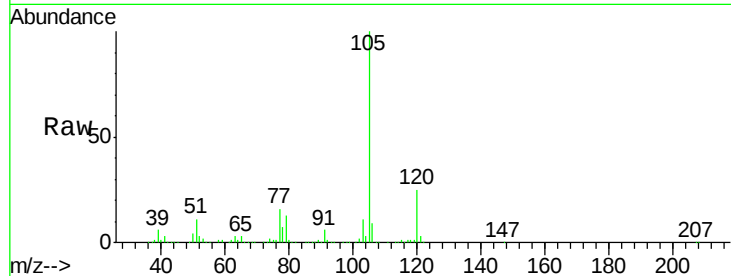
#73
Isopropylbenzene
Concen: 22.51 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.9	38.6

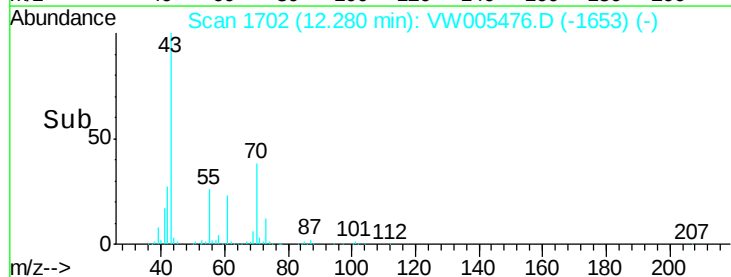
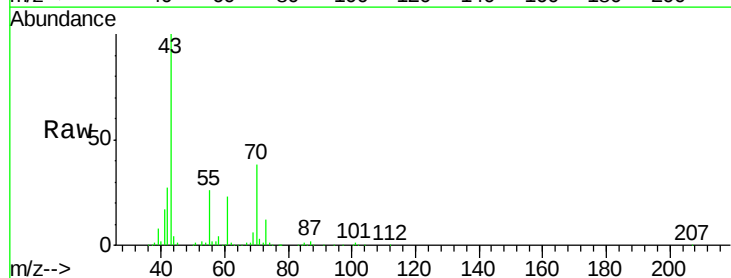
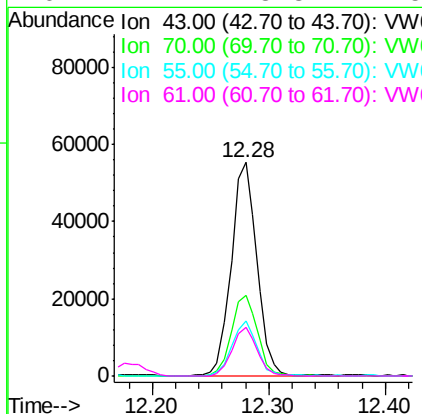
Manual Integrations
APPROVED

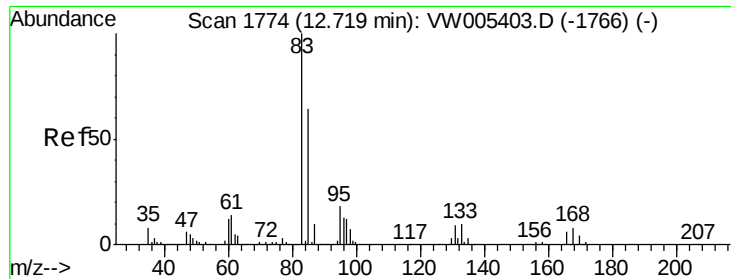
apatel
9/19/2018 11:25:36 AM



#74
N-ethyl acetate
Concen: 23.42 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.5	31.9	47.9
55	25.5	21.4	32.0
61	22.1	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.33 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

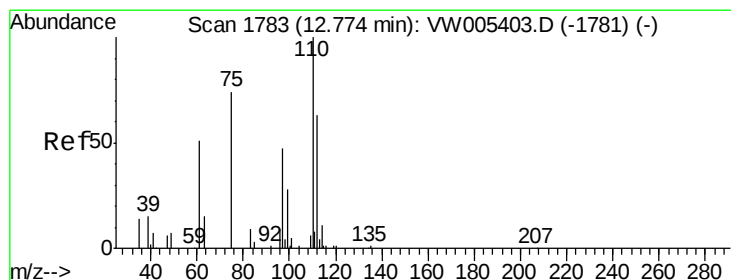
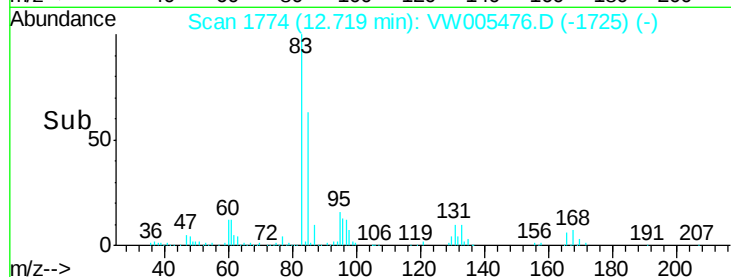
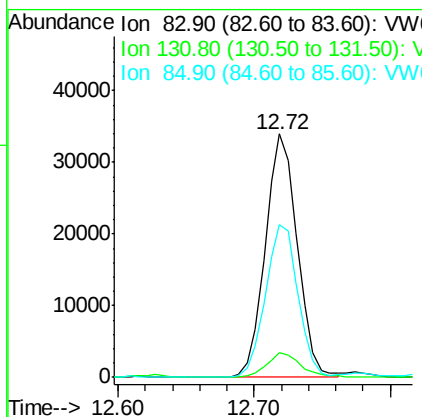
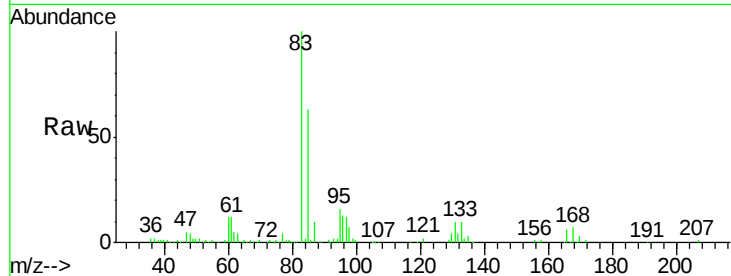
ClientSampleId :

VW0918SBS01

Tot Ion:	83	Resp:	56023
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	63.6	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 18.35 ug/l m

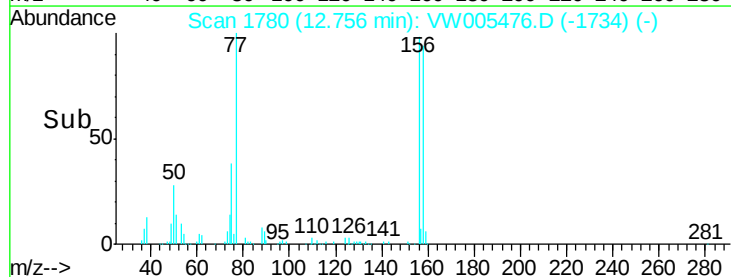
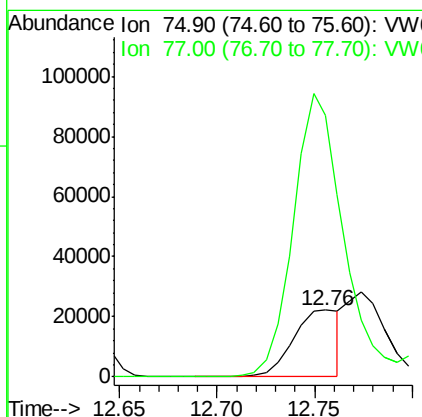
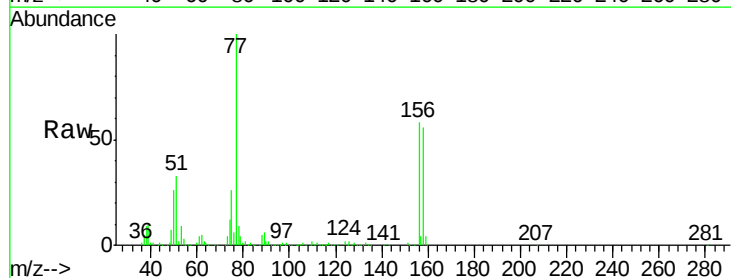
RT: 12.76 min Scan# 1780

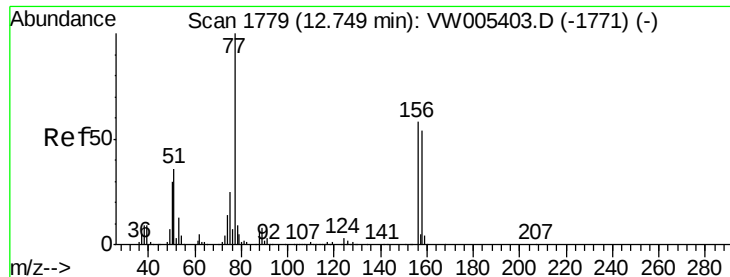
Delta R.T. -0.02 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Tgt Ion:	75	Resp:	37001
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.89 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

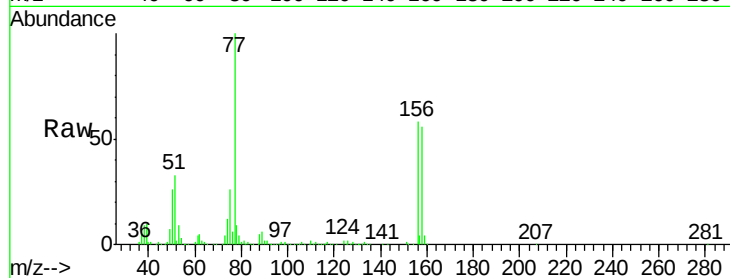
ClientSampleId :

VW0918SBS01

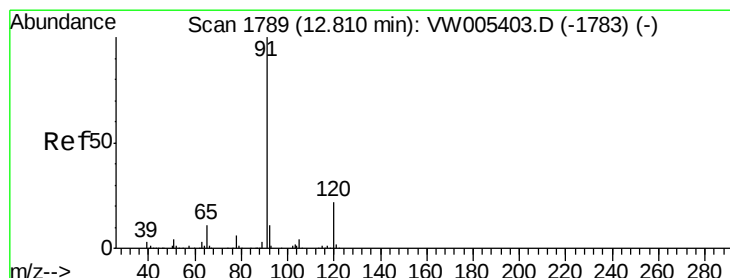
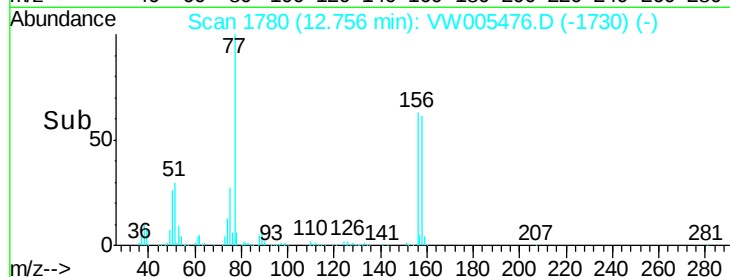
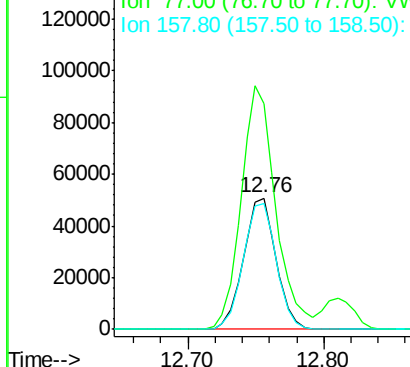
Tot Ion:	156	Resp:	84931
Ion Ratio	Lower	Upper	
156	100		
77	196.8	92.8	278.3
158	97.5	48.2	144.6

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



#78

n-propylbenzene

Concen: 22.84 ug/l

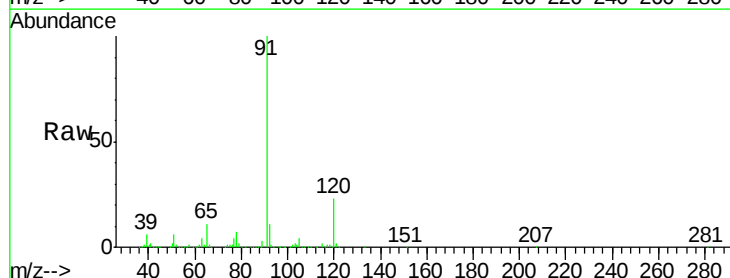
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

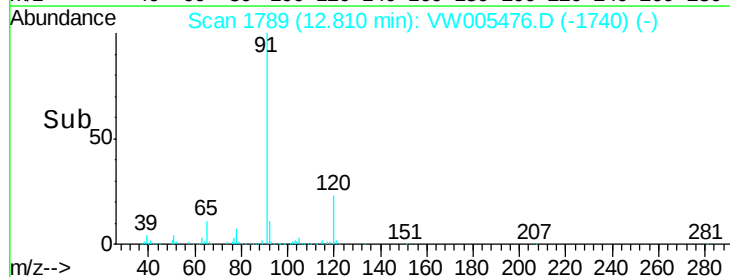
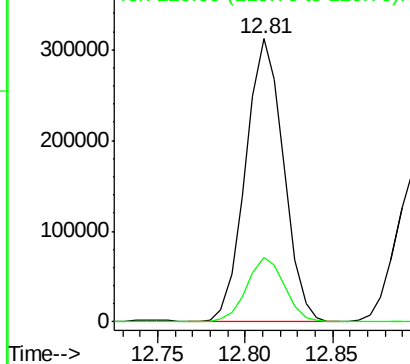
Lab File: VW005476.D

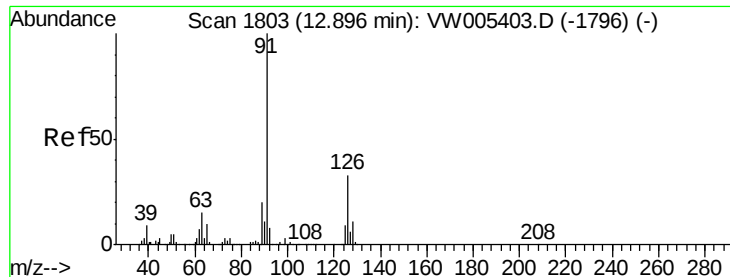
Acq: 18 Sep 2018 14:07

Tgt Ion:	91	Resp:	473925
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.8



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





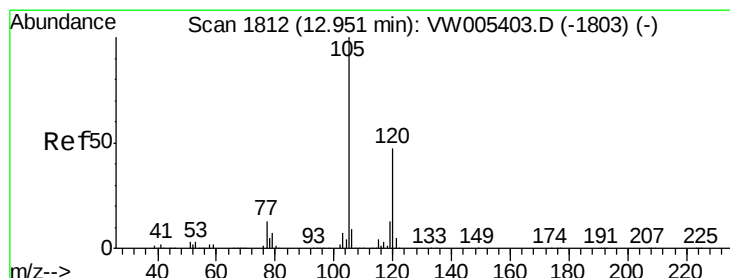
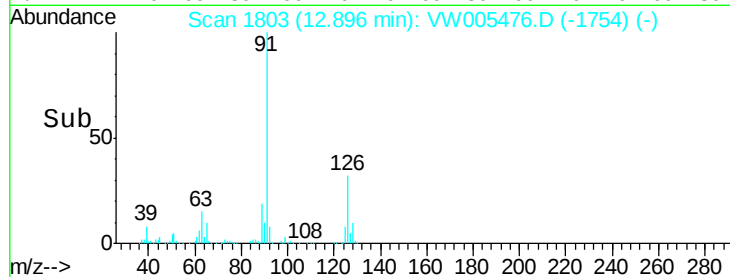
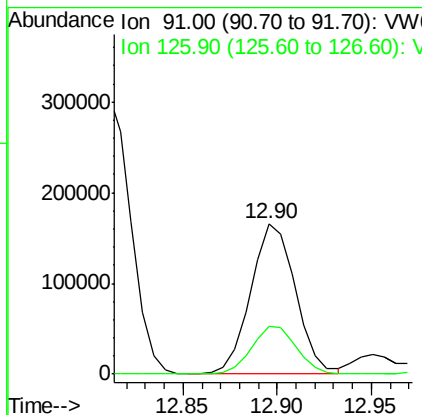
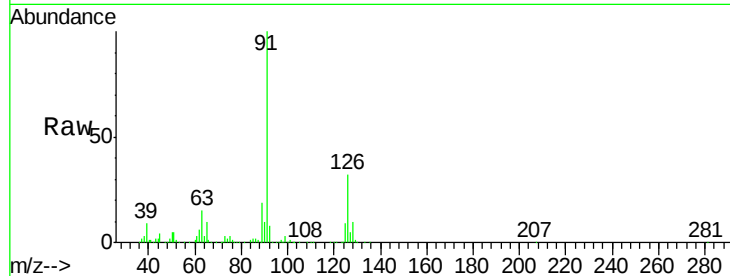
#79
 2-Chlorotoluene
 Concen: 22.31 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion: 91 Resp: 273095
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.1

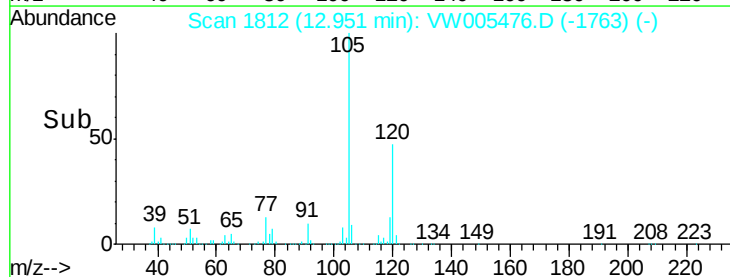
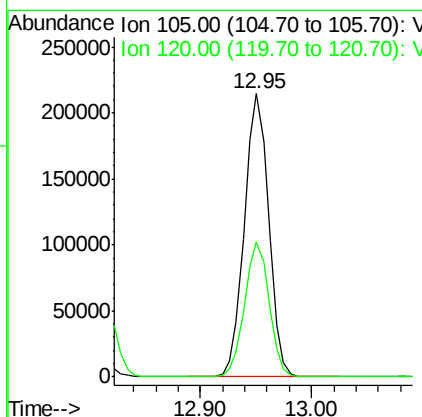
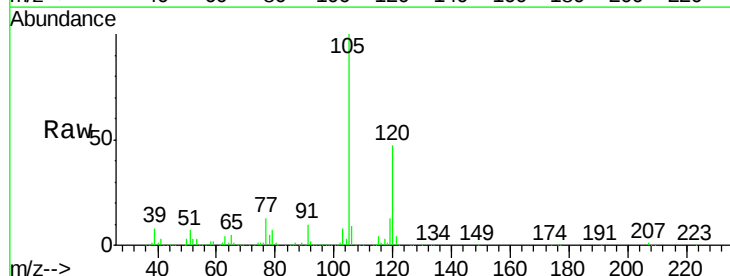
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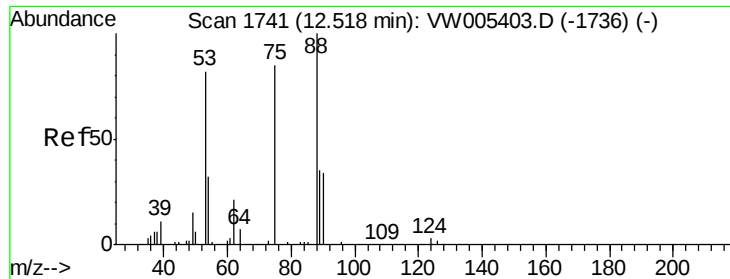
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.70 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion: 105 Resp: 325538
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 22.80 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Instrument :

MSVOA_W

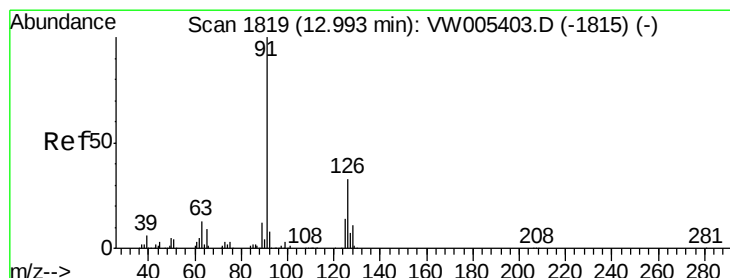
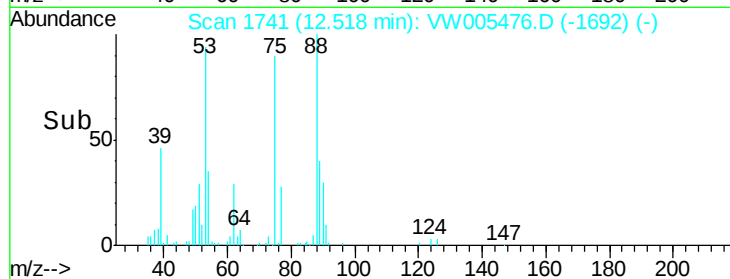
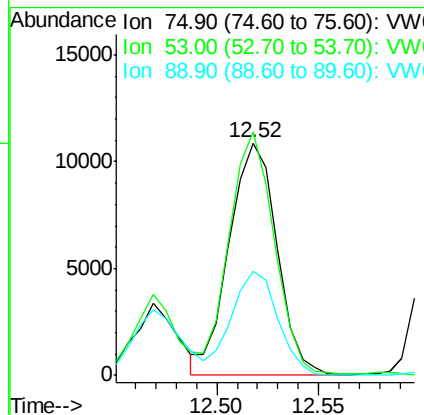
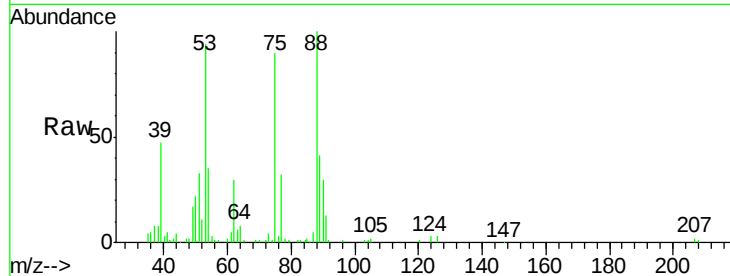
ClientSampleId :

VW0918SBS01

Tot Ion:	75	Resp:	17721
Ion	Ratio	Lower	Upper
75	100		
53	97.1	83.2	124.8
89	43.4	36.6	54.8

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#82

4-Chlorotoluene

Concen: 22.37 ug/l

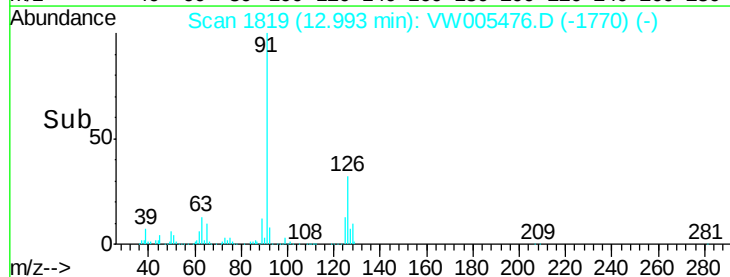
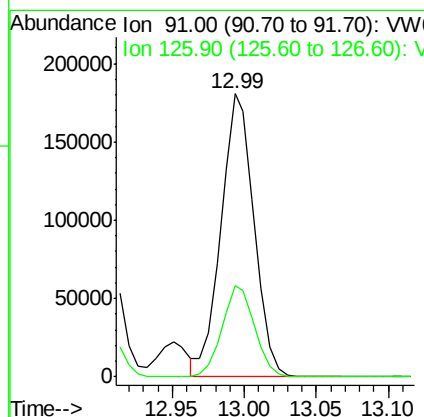
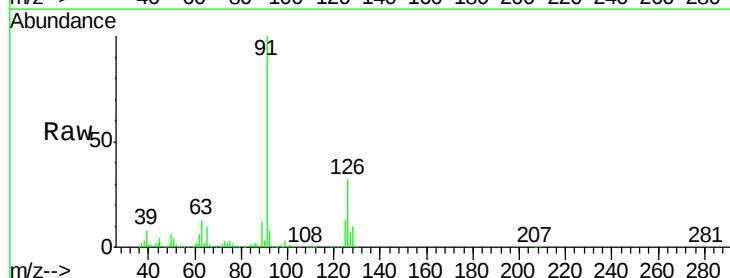
RT: 12.99 min Scan# 1819

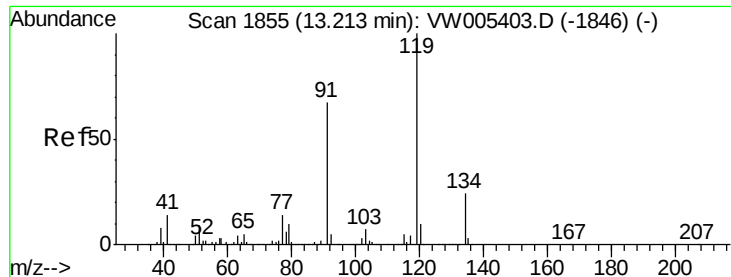
Delta R.T. -0.00 min

Lab File: VW005476.D

Acq: 18 Sep 2018 14:07

Tgt Ion:	91	Resp:	289099
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.4	49.1





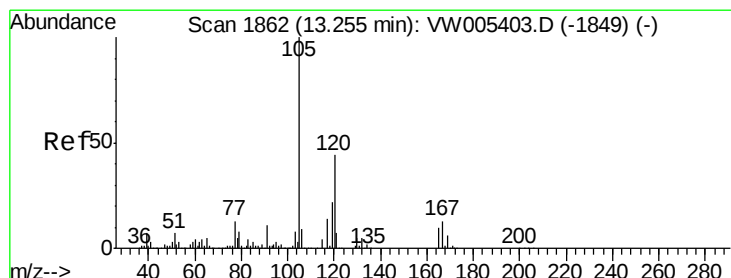
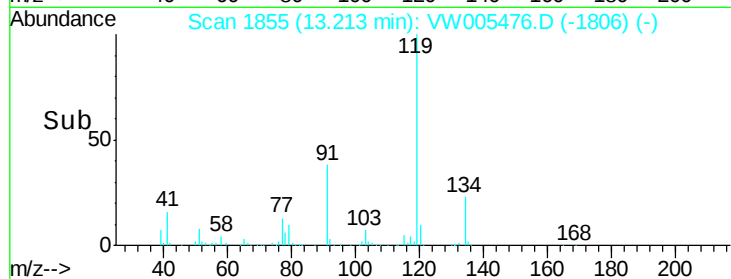
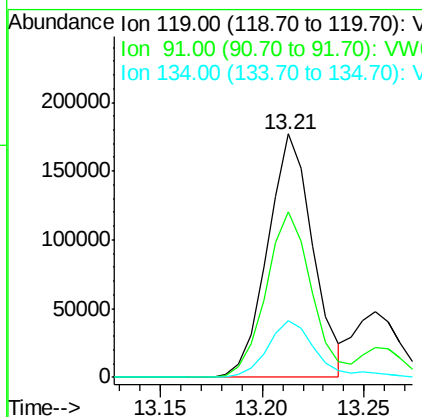
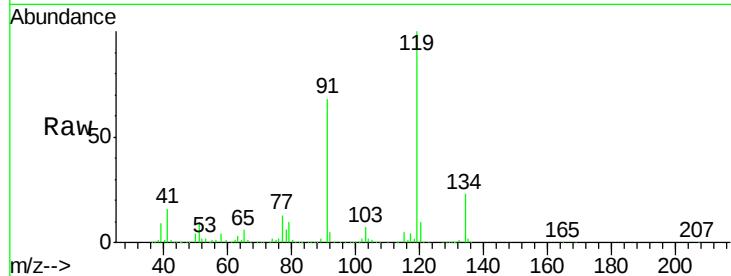
#83
tert-Butylbenzene
Concen: 21.93 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	34.4	103.2
134	25.2	12.7	38.0

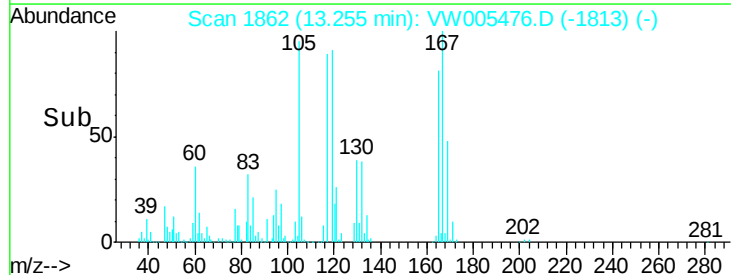
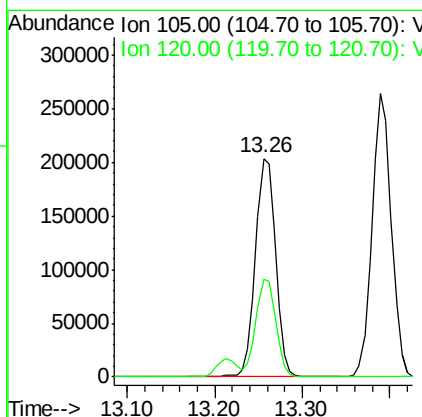
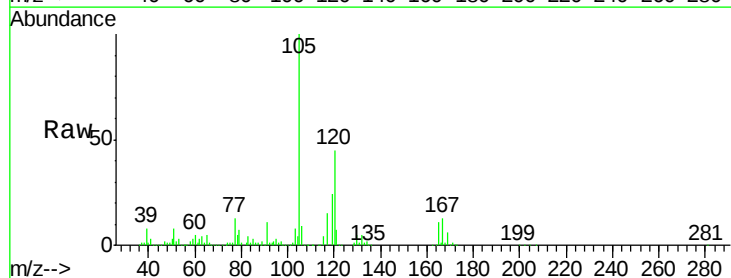
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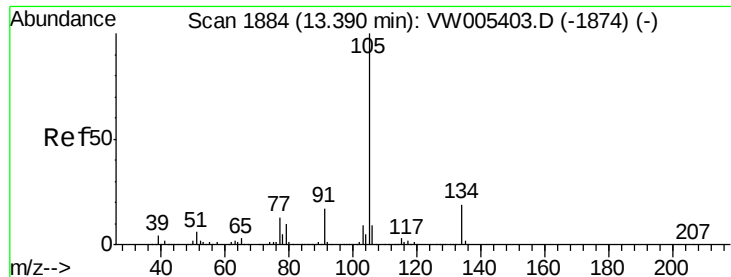
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#84
1,2,4-Trimethylbenzene
Concen: 21.47 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.8	65.3





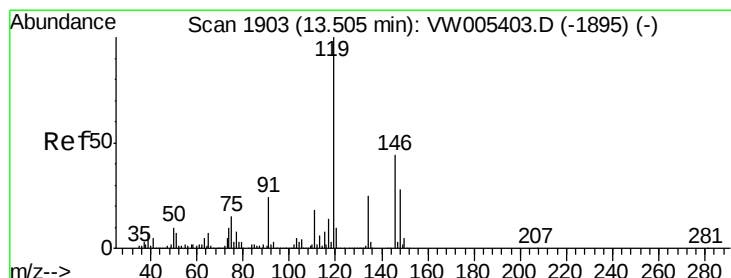
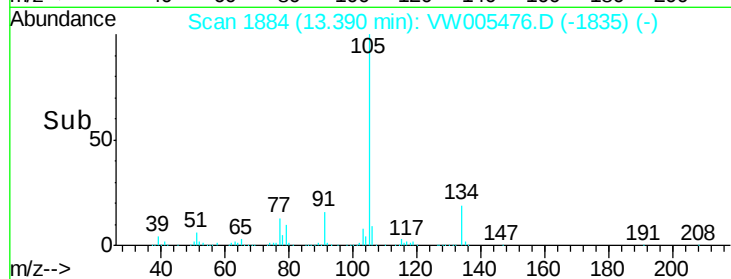
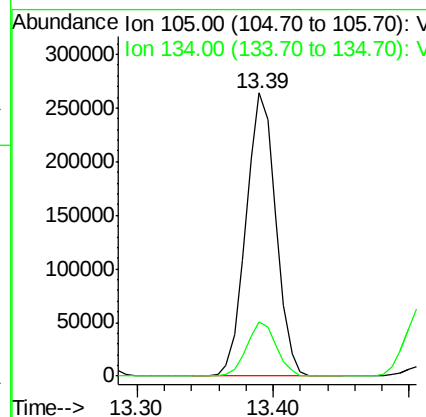
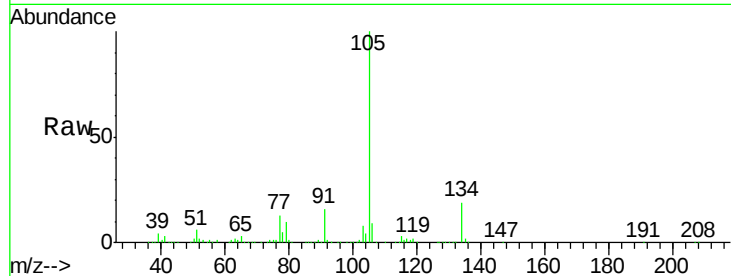
#85
 sec-Butylbenzene
 Concen: 22.45 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	404279		
134	19.2	9.8	29.5	

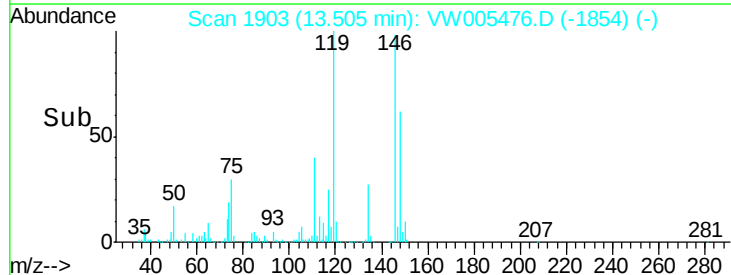
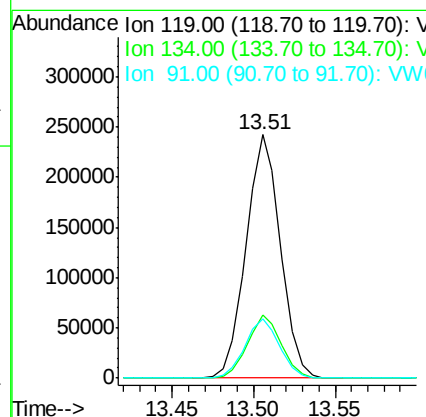
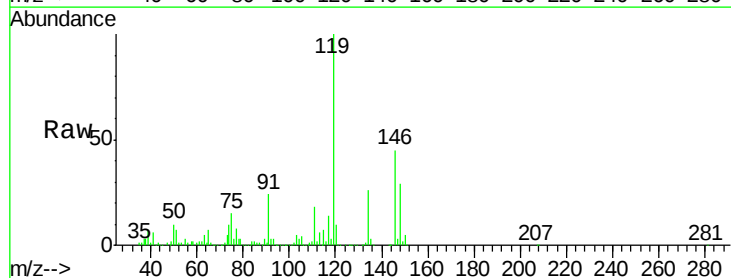
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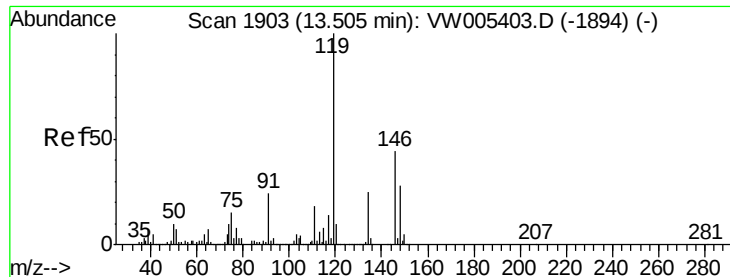
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#86
 p-Isopropyltoluene
 Concen: 22.00 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	354187		
134	25.5	12.6	37.8	
91	24.2	12.0	36.0	





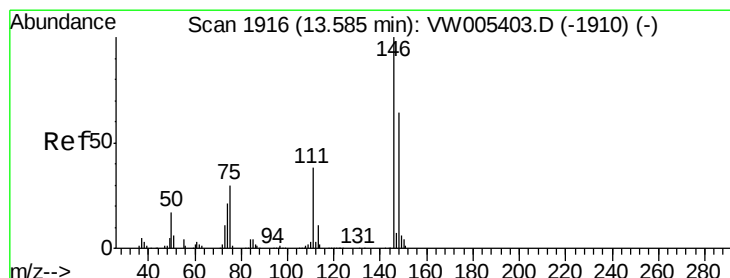
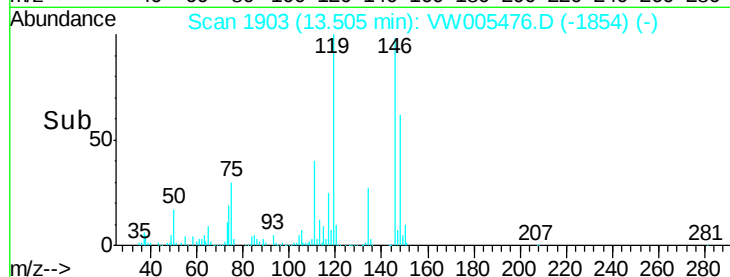
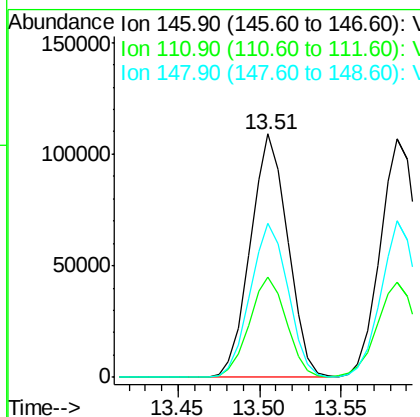
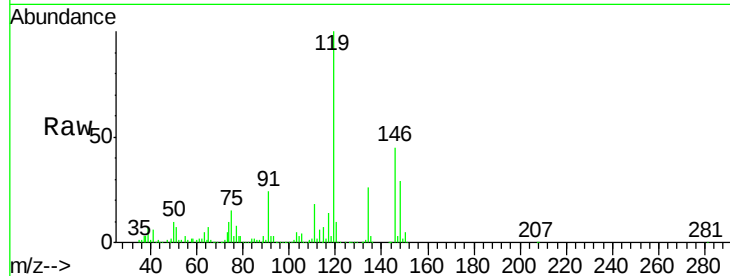
#87
 1,3-Dichlorobenzene
 Concen: 21.08 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	173804		
111	41.1	20.4	61.2	
148	64.1	32.0	96.0	

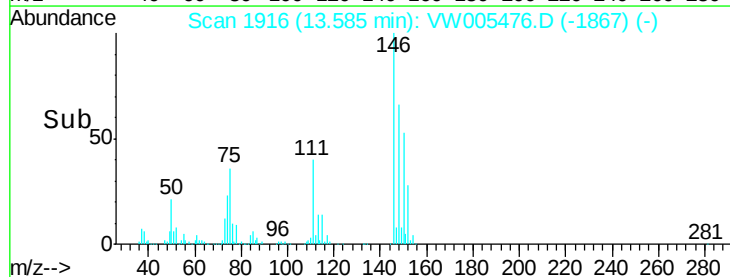
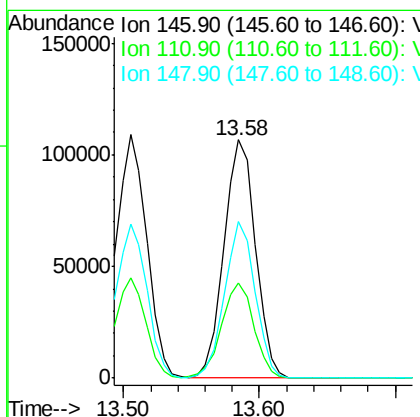
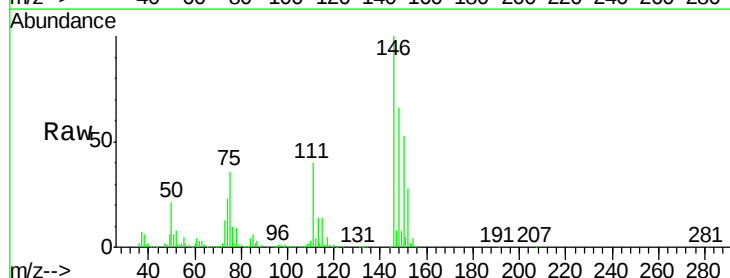
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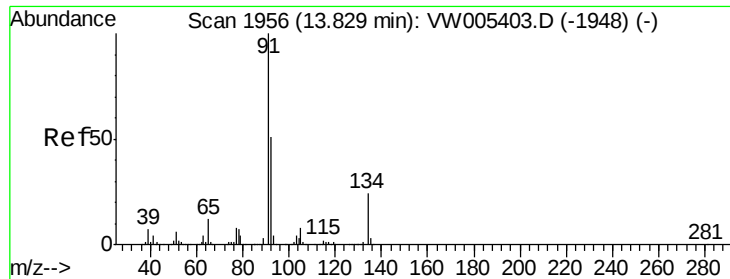
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#88
 1,4-Dichlorobenzene
 Concen: 21.14 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	171680		
111	41.2	19.6	58.8	
148	63.6	31.8	95.4	





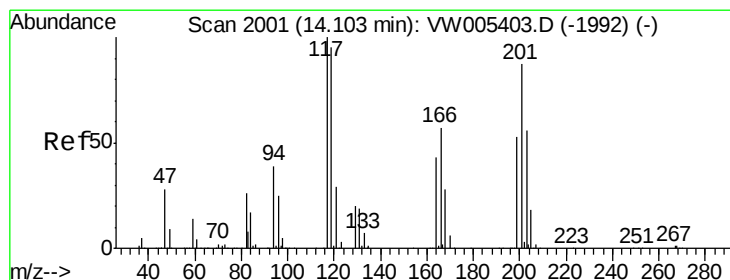
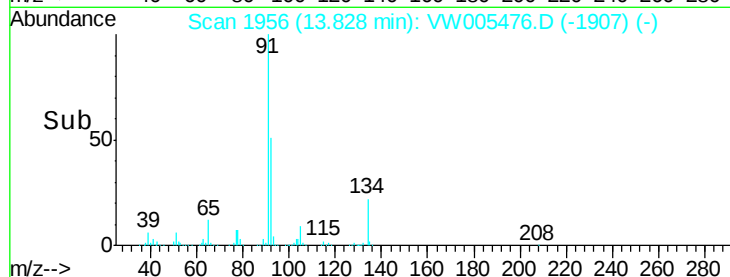
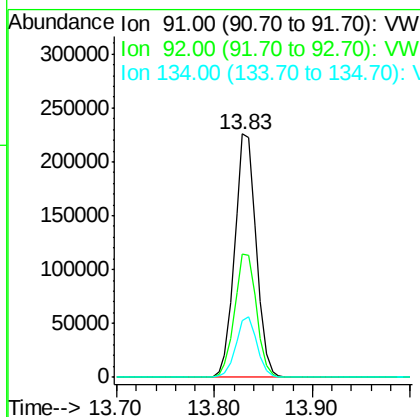
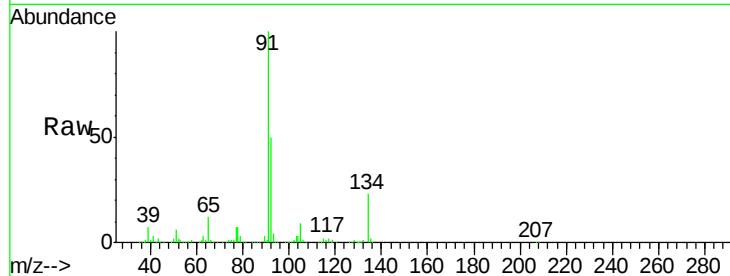
#89
n-Butylbenzene
Concen: 22.88 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.2	78.6
134	24.4	12.7	38.1

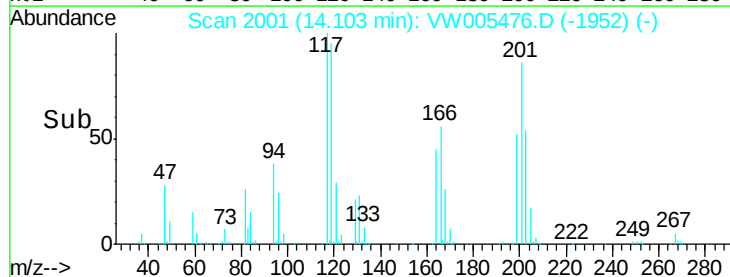
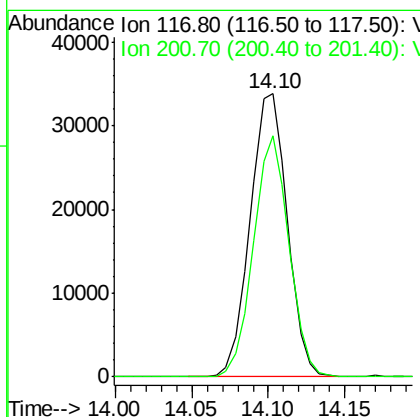
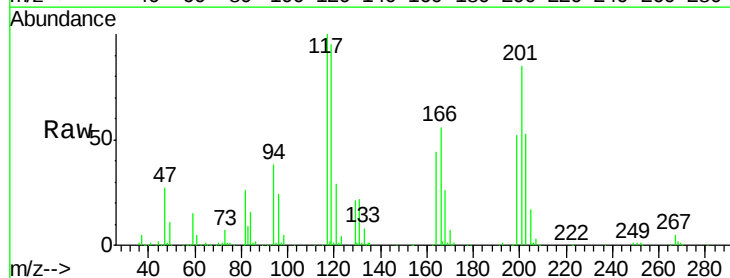
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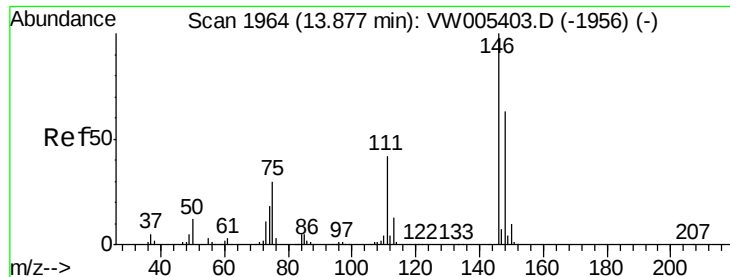
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#90
Hexachloroethane
Concen: 20.77 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.1	42.5	127.5





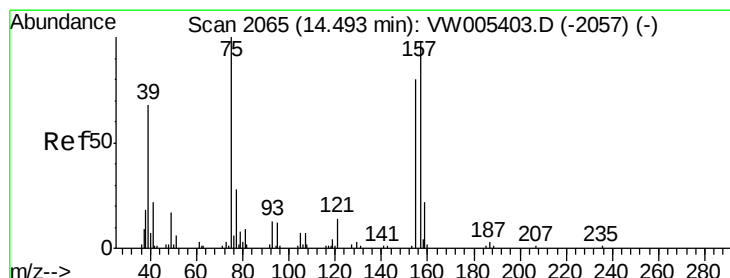
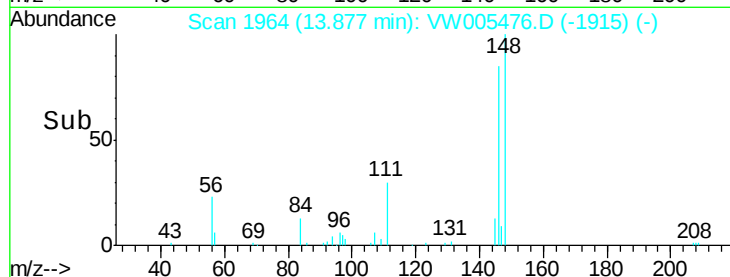
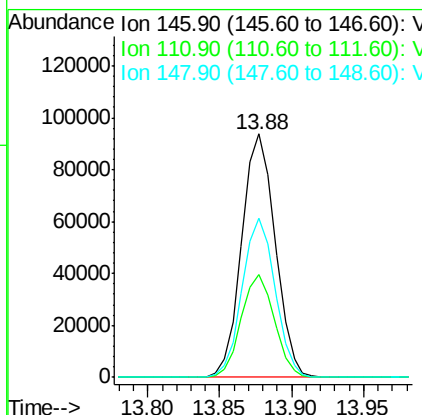
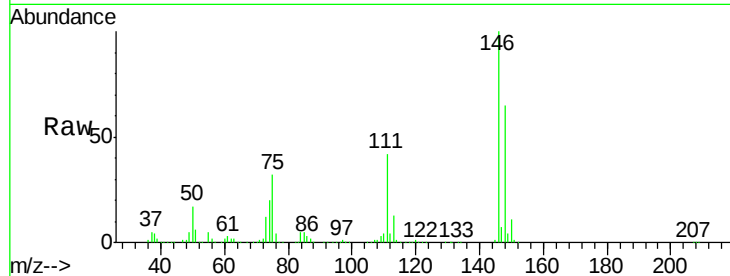
#91
 1,2-Dichlorobenzene
 Concen: 20.97 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	64.7	31.9	95.9

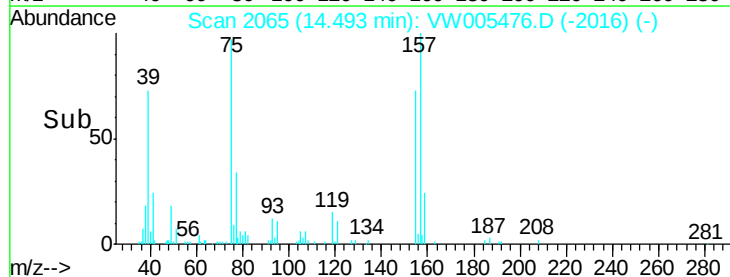
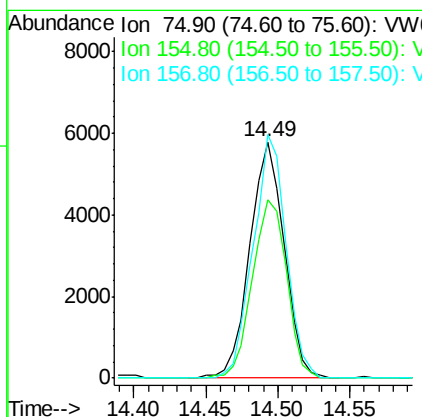
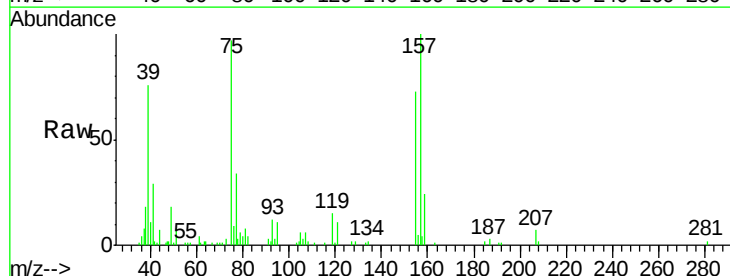
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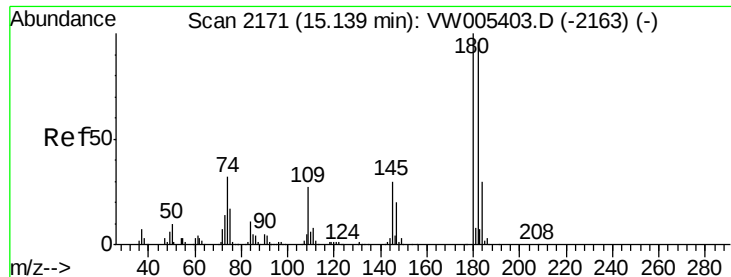
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.79 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.1	39.0	117.0
157	98.5	49.9	149.6





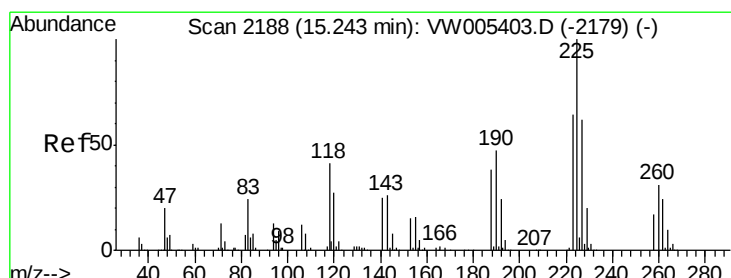
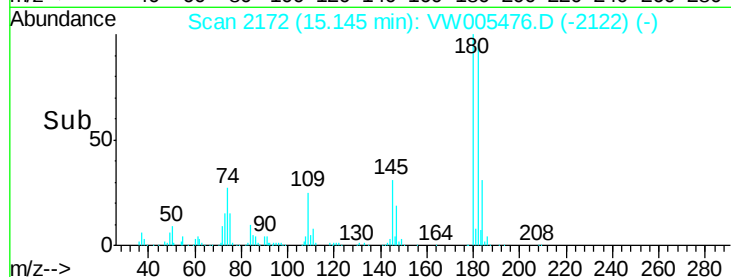
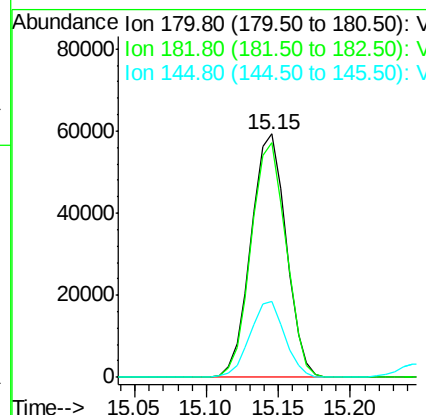
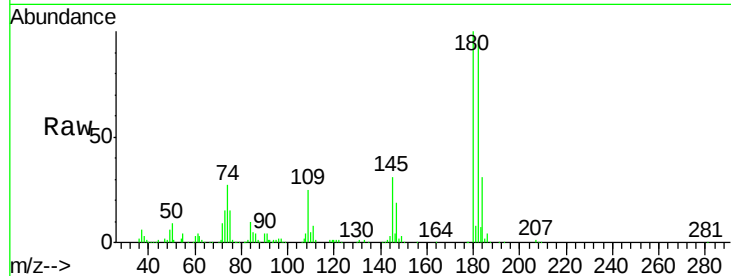
#93
 1,2,4-Trichlorobenzene
 Concen: 20.80 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100001		
182	95.8		47.3	141.9
145	30.8		14.8	44.3

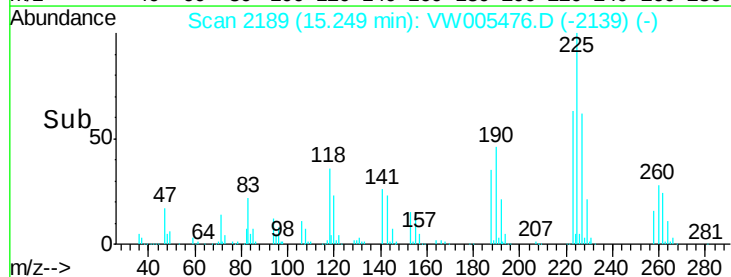
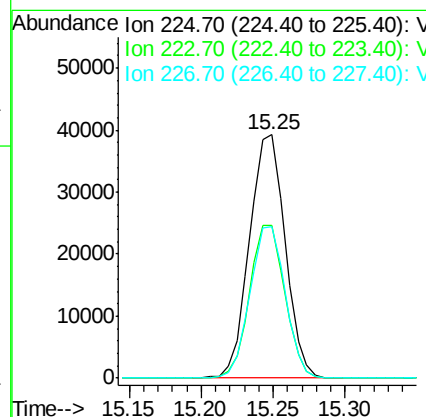
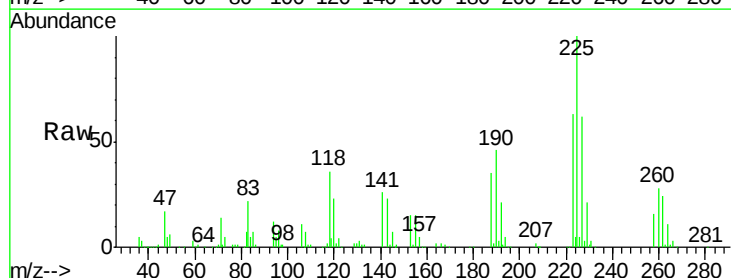
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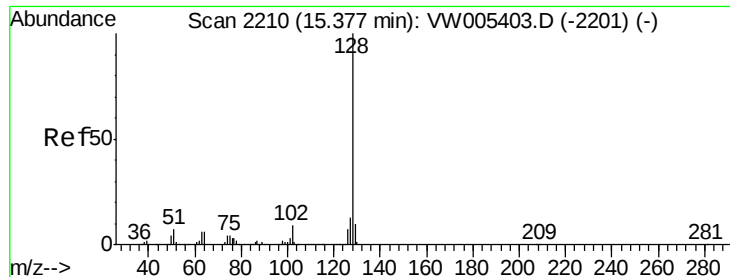
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#94
 Hexachlorobutadiene
 Concen: 21.34 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005476.D
 Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67009		
223	62.3		31.2	93.6
227	61.8		31.6	95.0





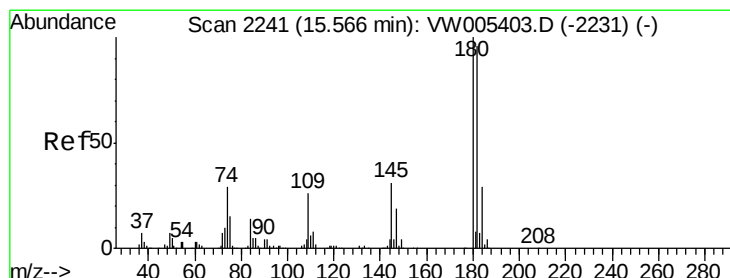
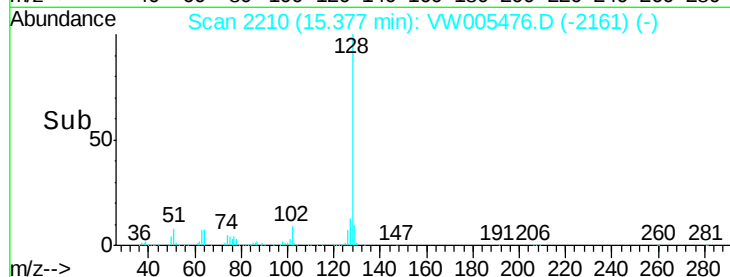
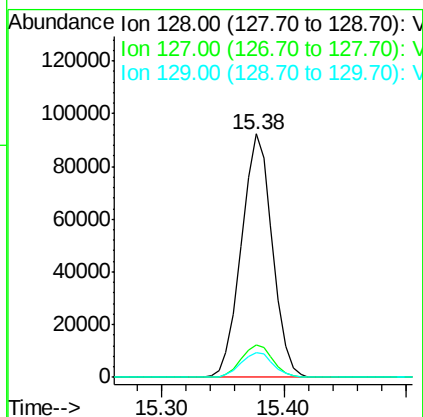
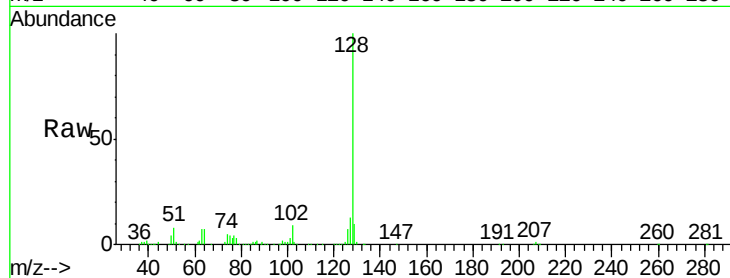
#95
Naphthalene
Concen: 20.21 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.4
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.43 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005476.D
Acq: 18 Sep 2018 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.1	144.4
145	32.4	15.9	47.7

