

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005452.D
 Acq On : 18 Sep 2018 01:38
 Operator : SY/AP
 Sample : VW0917SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Manual Integrations
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 9/18/2018 2:43:47 PM

Quant Time: Sep 18 02:23:00 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	252762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	385941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	370330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127595	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.89	113	105184	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.33	98	500477	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.62	95	185965	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	55439	23.54	ug/l	98
3) Chloromethane	2.21	50	70780	23.72	ug/l	100
4) Vinyl Chloride	2.36	62	62396	22.33	ug/l	96
5) Bromomethane	2.78	94	39141	19.61	ug/l	97
6) Chloroethane	2.92	64	35505	21.43	ug/l	97
7) Trichlorofluoromethane	3.26	101	74978	20.25	ug/l	100
8) Diethyl Ether	3.70	74	24910	22.64	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	46525	21.55	ug/l	97
10) Methyl Iodide	4.28	142	51974	21.44	ug/l	98
11) Tert butyl alcohol	5.22	59	16473	91.93	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	41981	21.47	ug/l	94
13) Acrolein	3.91	56	13607	118.10	ug/l	98
14) Allyl chloride	4.68	41	84079	23.11	ug/l	97
15) Acrylonitrile	5.38	53	54241	107.76	ug/l	99
16) Acetone	4.16	43	41223	98.33	ug/l	93
17) Carbon Disulfide	4.38	76	144894	21.03	ug/l	99
18) Methyl Acetate	4.69	43	25968	20.60	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	118070	22.24	ug/l	98
20) Methylene Chloride	4.92	84	66308	22.29	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	50993	21.83	ug/l	98
22) Diisopropyl ether	6.32	45	169135	23.64	ug/l	99
23) Vinyl Acetate	6.27	43	474512	116.41	ug/l	99
24) 1,1-Dichloroethane	6.23	63	97097	22.37	ug/l	100
25) 2-Butanone	7.19	43	67769	107.38	ug/l	99
26) 2,2-Dichloropropane	7.18	77	80983	20.80	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	57208	22.52	ug/l	97
28) Bromochloromethane	7.52	49	36306	21.50	ug/l	93
29) Tetrahydrofuran	7.54	42	44446	110.54	ug/l	98
30) Chloroform	7.68	83	98498	21.91	ug/l	99
31) Cyclohexane	7.96	56	96093	22.95	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	89543	21.42	ug/l	99
36) 1,1-Dichloropropene	8.09	75	79448	21.75	ug/l	99
37) Ethyl Acetate	7.27	43	33028	22.24	ug/l	99
38) Carbon Tetrachloride	8.07	117	77435	20.35	ug/l	94

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Quant Time: Sep 18 02:23:00 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)
39) Methylcyclohexane	9.34	83	90814	21.40	ug/l	98
40) Benzene	8.33	78	227457	21.50	ug/l	98
41) Methacrylonitrile	7.49	41	20840	23.26	ug/l	97
42) 1,2-Dichloroethane	8.41	62	69628	21.03	ug/l	99
43) Isopropyl Acetate	8.43	43	61441	21.20	ug/l	99
44) Trichloroethene	9.10	130	57675	21.18	ug/l	97
45) 1,2-Dichloropropane	9.37	63	57583	22.78	ug/l	100
46) Dibromomethane	9.46	93	27175	21.85	ug/l	97
47) Bromodichloromethane	9.65	83	73946	21.95	ug/l	99
48) Methyl methacrylate	9.44	41	29364	20.30	ug/l	97
49) 1,4-Dioxane	9.48	88	9043	436.31	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	158309	106.09	ug/l	99
52) Toluene	10.40	92	158268	22.09	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69201	20.52	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	83279	21.81	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	38992	21.10	ug/l	95
56) Ethyl methacrylate	10.65	69	49200	21.03	ug/l	99
57) 1,3-Dichloropropane	10.94	76	68284	21.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	113191	106.98	ug/l	99
59) 2-Hexanone	10.98	43	107662	105.92	ug/l	99
60) Dibromochloromethane	11.13	129	44824	20.16	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34879	21.04	ug/l	99
64) Tetrachloroethene	10.87	164	59084	21.59	ug/l	97
65) Chlorobenzene	11.66	112	170313	21.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	52349	20.84	ug/l	98
67) Ethyl Benzene	11.74	91	305957	22.14	ug/l	99
68) m/p-Xylenes	11.85	106	238328	44.80	ug/l	98
69) o-Xylene	12.17	106	110257	22.26	ug/l	100
70) Styrene	12.19	104	182584	22.33	ug/l	99
71) Bromoform	12.35	173	25849	19.45	ug/l #	96
73) Isopropylbenzene	12.47	105	301341	21.97	ug/l	100
74) N-amyl acetate	12.28	43	61934	21.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	42487	21.23	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	31564m	19.63	ug/l	
77) Bromobenzene	12.76	156	68273	21.05	ug/l	96
78) n-propylbenzene	12.81	91	371050	22.41	ug/l	100
79) 2-Chlorotoluene	12.90	91	217482	22.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	261501	21.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12599	20.32	ug/l	97
82) 4-Chlorotoluene	12.99	91	226747	21.99	ug/l	100
83) tert-Butylbenzene	13.21	119	216904	21.82	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	264729	21.78	ug/l	99
85) sec-Butylbenzene	13.39	105	317417	22.10	ug/l	99
86) p-Isopropyltoluene	13.51	119	278673	21.69	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	143177	21.77	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	140111	21.63	ug/l	99
89) n-Butylbenzene	13.83	91	260162	21.75	ug/l	99
90) Hexachloroethane	14.10	117	45776	20.80	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	123482	21.48	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7488	19.48	ug/l	96

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Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

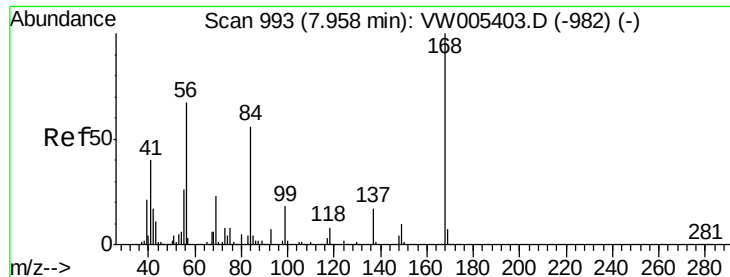
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Quant Time: Sep 18 02:23:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80793	21.06	ug/l	99
94) Hexachlorobutadiene	15.24	225	53357	21.30	ug/l	100
95) Naphthalene	15.38	128	128178	20.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69970	20.90	ug/l	100

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



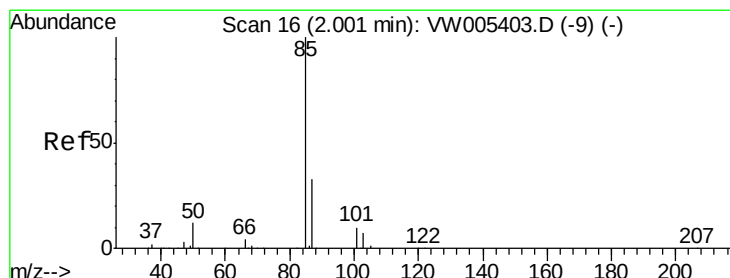
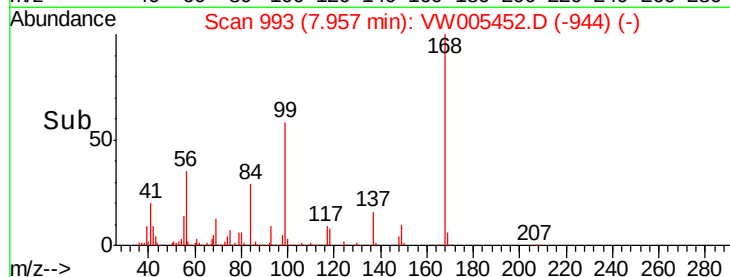
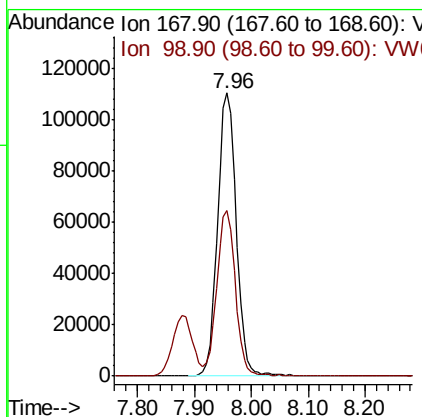
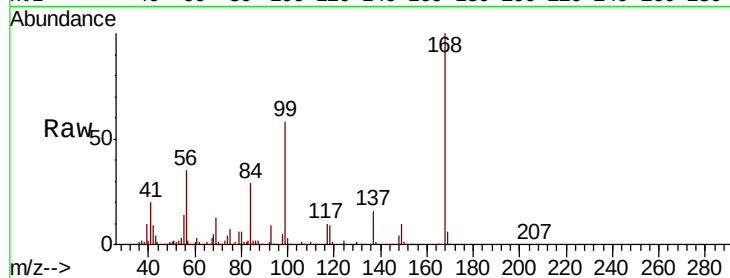
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.3	45.0	67.6

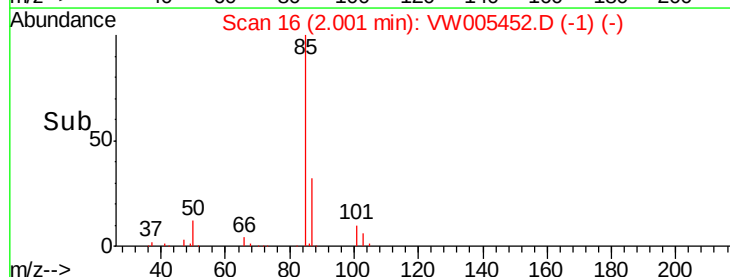
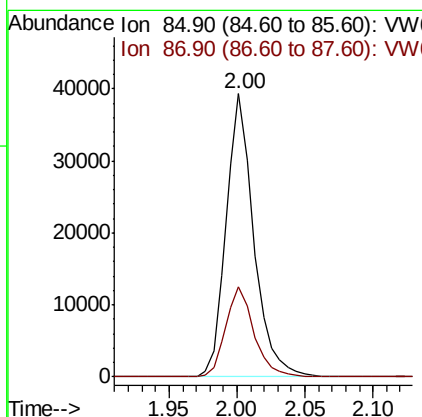
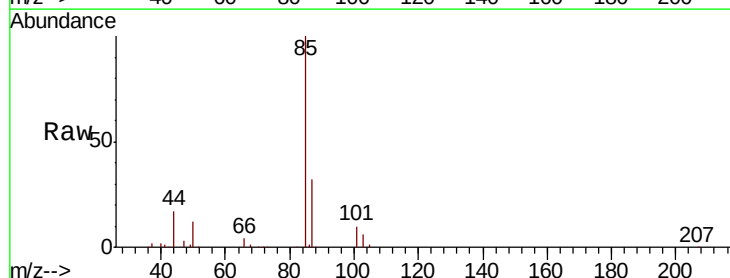
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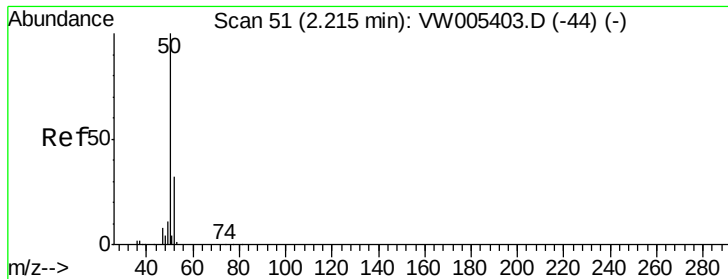
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#2
Dichlorodifluoromethane
Concen: 23.54 ug/l
RT: 2.00 min Scan# 16
Delta R.T. 0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.4	49.1





#3

Chloromethane

Concen: 23.72 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD02

Tot Ion: 50 Resp: 70780

Ion Ratio Lower Upper

50 100

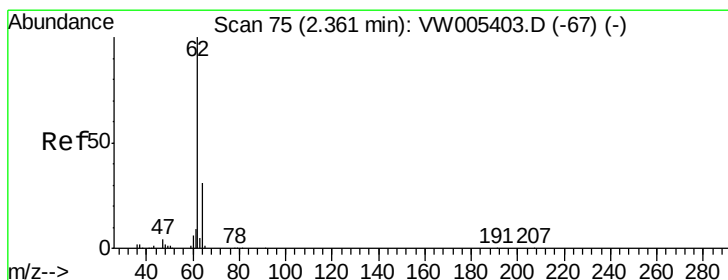
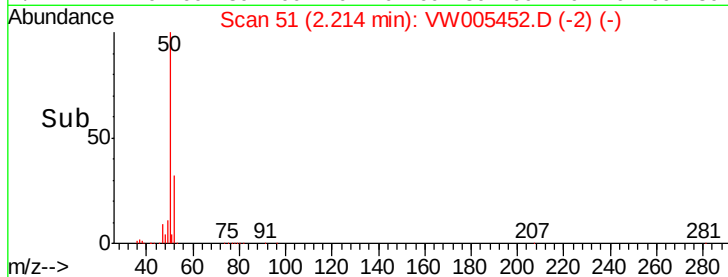
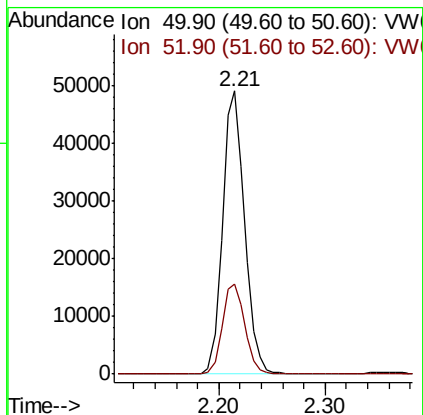
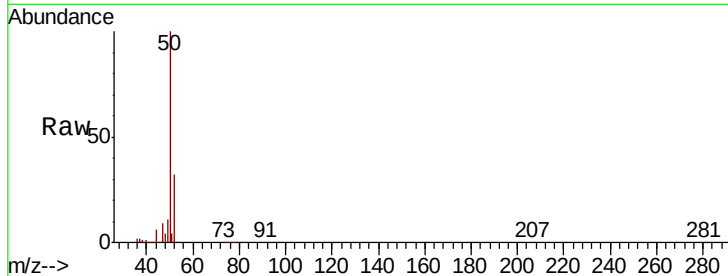
52 32.1 25.8 38.6

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#4

Vinyl Chloride

Concen: 22.33 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005452.D

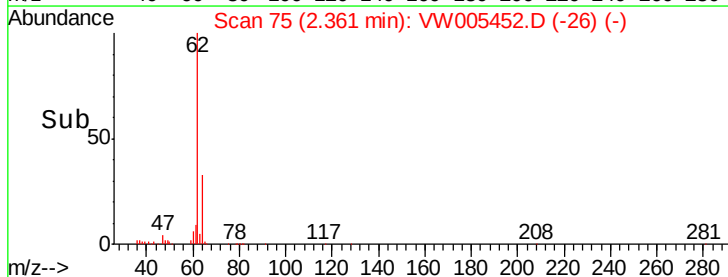
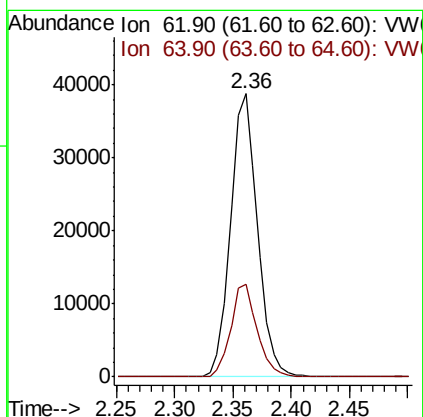
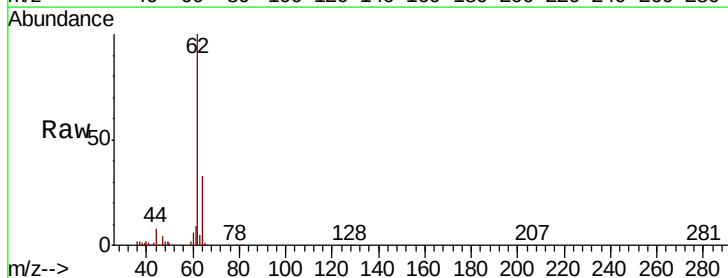
Acq: 18 Sep 2018 01:38

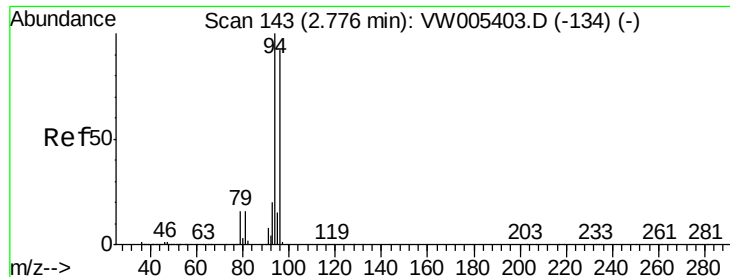
Tgt Ion: 62 Resp: 62396

Ion Ratio Lower Upper

62 100

64 32.9 24.5 36.7





#5

Bromomethane

Concen: 19.61 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD02

Tot Ion: 94 Resp: 39141

Ion Ratio Lower Upper

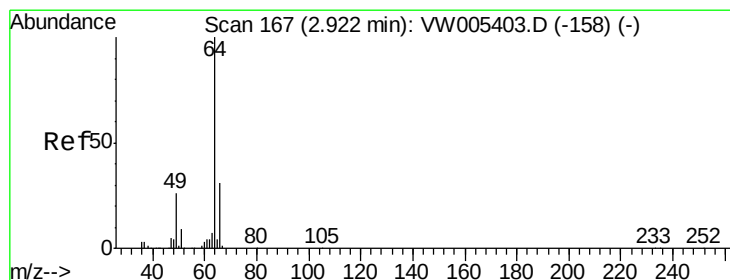
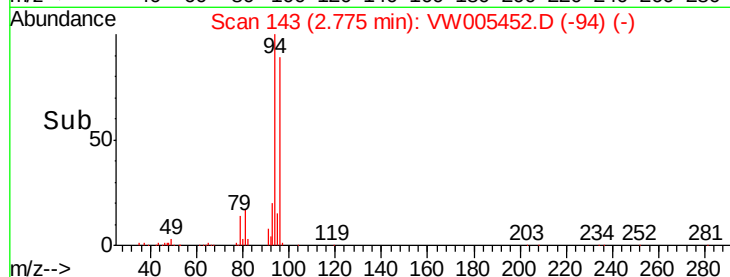
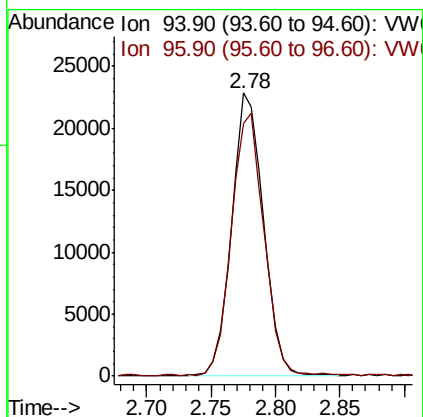
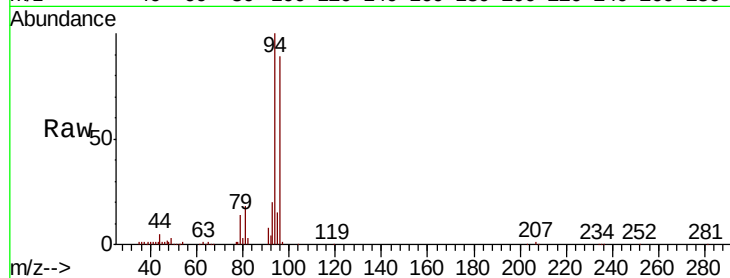
94 100

96 89.0 73.7 110.5

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#6

Chloroethane

Concen: 21.43 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005452.D

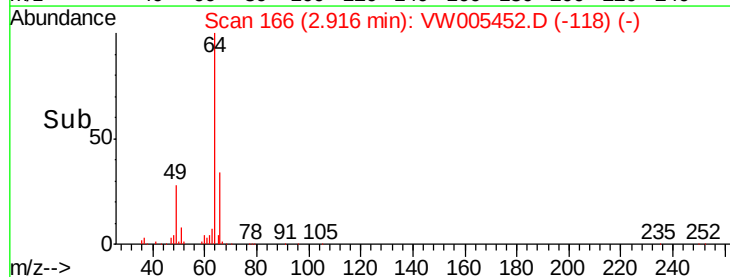
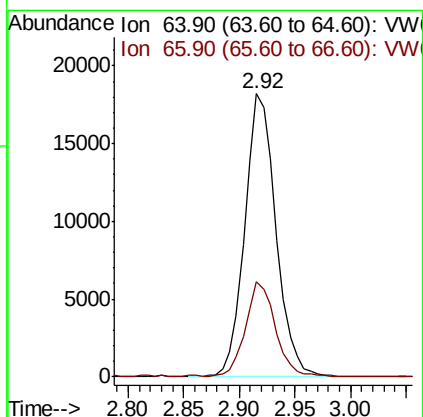
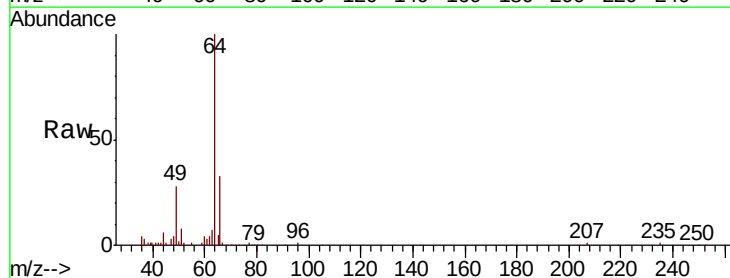
Acq: 18 Sep 2018 01:38

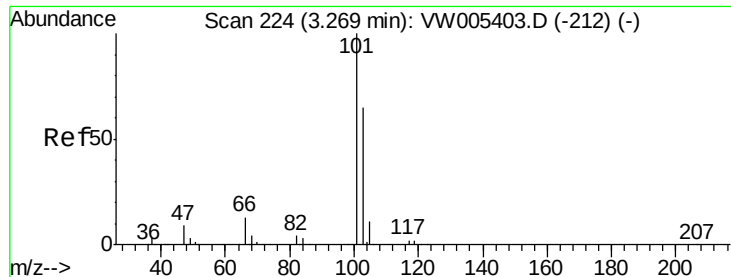
Tgt Ion: 64 Resp: 35505

Ion Ratio Lower Upper

64 100

66 33.4 25.2 37.8





#7

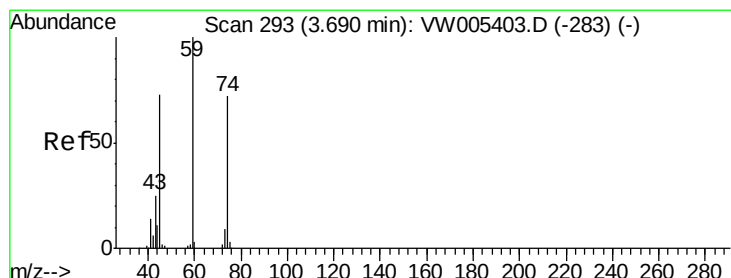
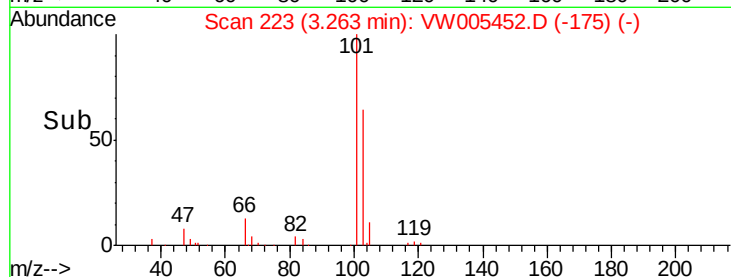
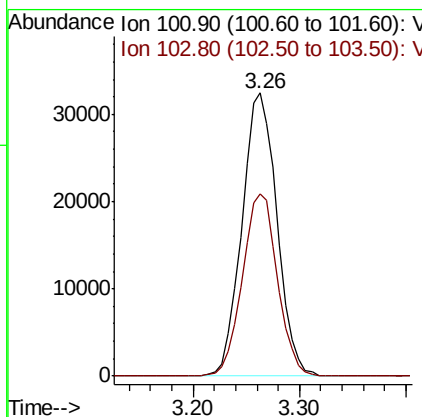
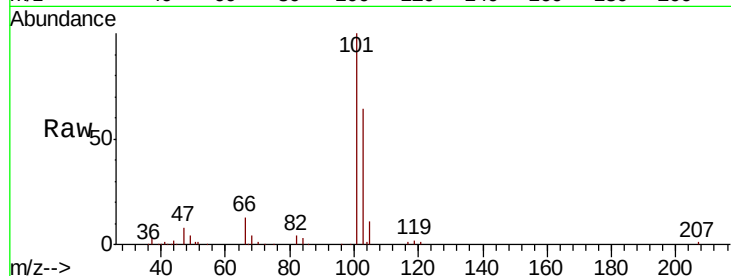
Trichlorofluoromethane
Concen: 20.25 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.01 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
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VW0917SBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		74978		
103	64.3	51.7	77.5		

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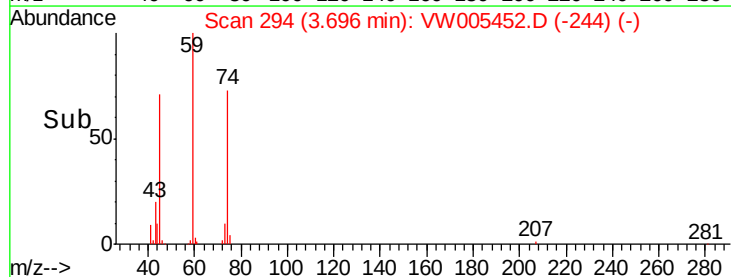
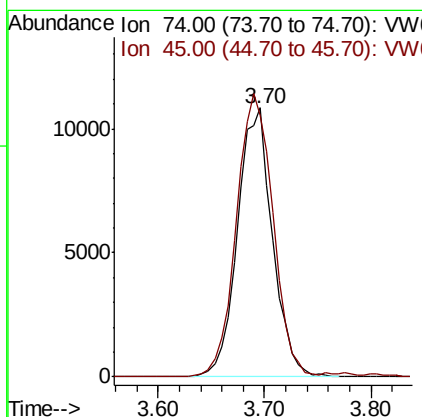
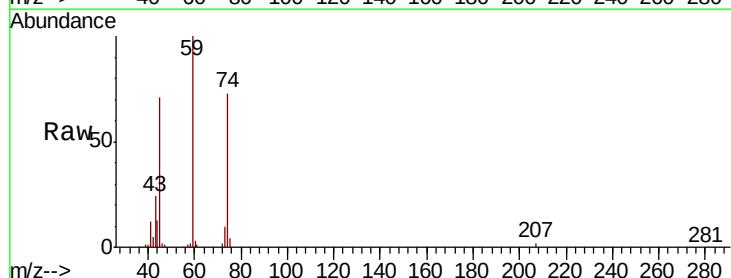
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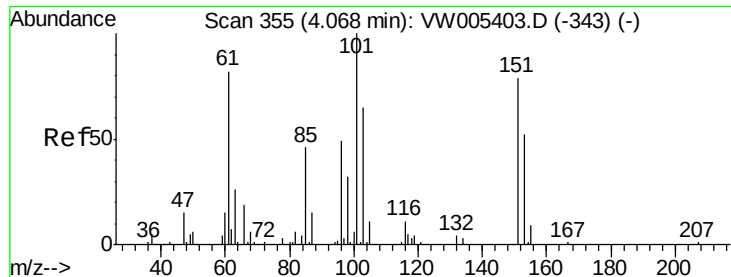


#8

Diethyl Ether
Concen: 22.64 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		24910		
45	110.9	53.1	159.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.55 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

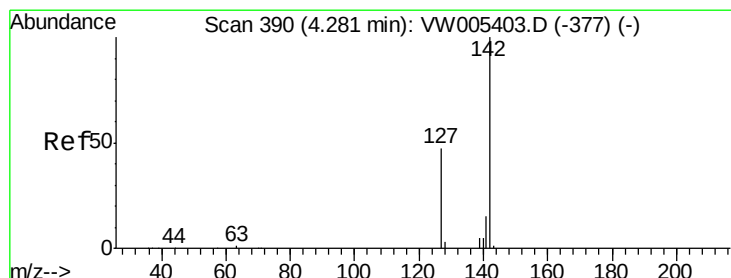
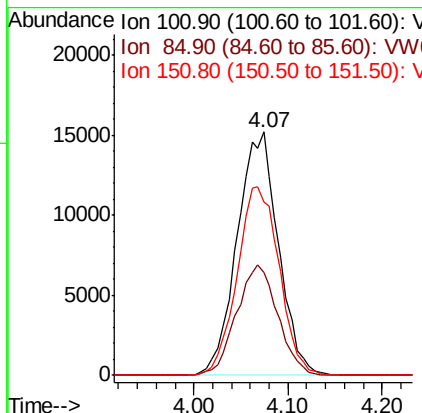
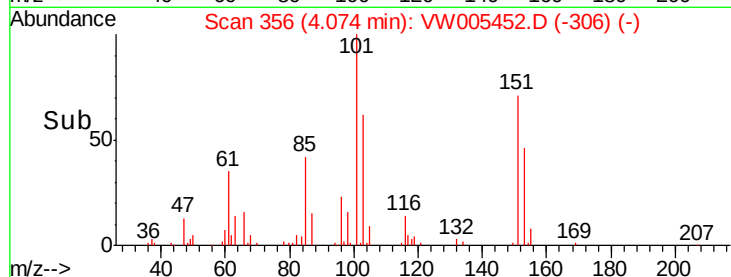
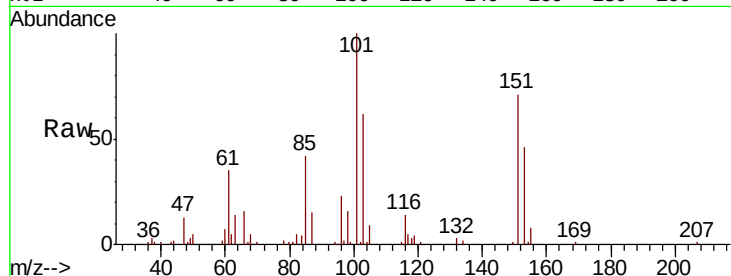
ClientSampleId :

VW0917SBSD02

Tot Ion:	101	Resp:	46525
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	54.8
151	79.0	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 21.44 ug/l

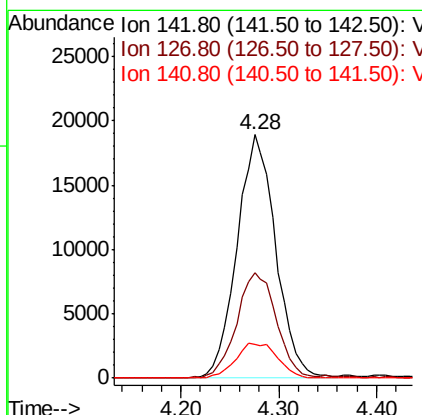
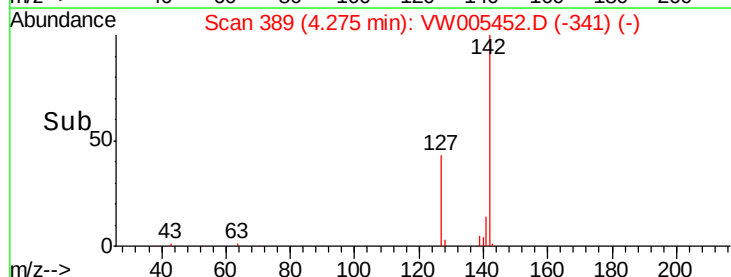
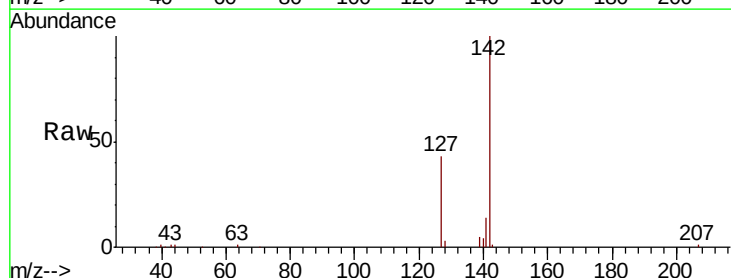
RT: 4.28 min Scan# 389

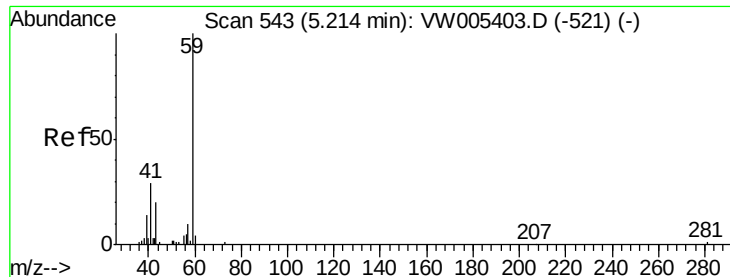
Delta R.T. -0.01 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Tgt Ion:	142	Resp:	51974
Ion Ratio	Lower	Upper	
142	100		
127	45.1	37.5	56.3
141	15.4	12.4	18.6





#11

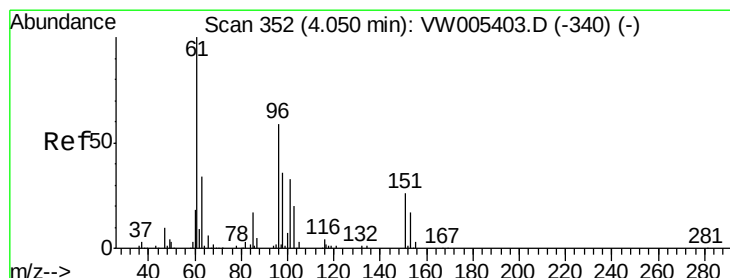
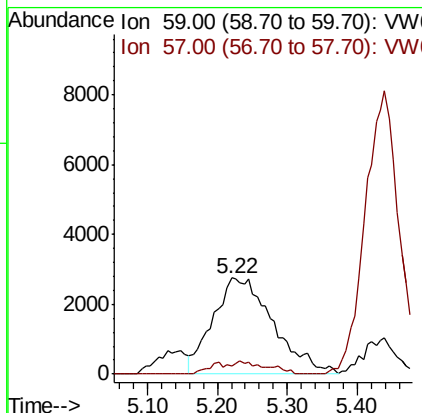
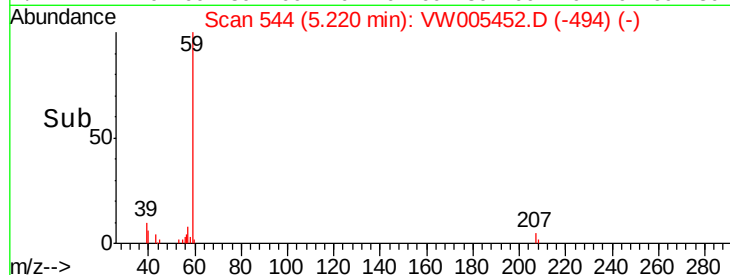
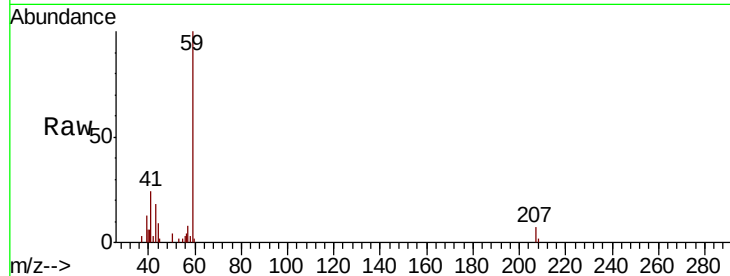
Tert butyl alcohol
 Concen: 91.93 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampled :
 VW0917SBSD02

Tot Ion	59	57	Ratio	100	0.0	Resp	16473	Lower	Upper
59	100								
57		0.0					8.6		13.0#

Manual Integrations
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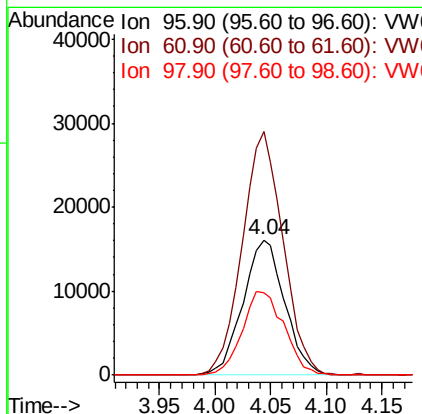
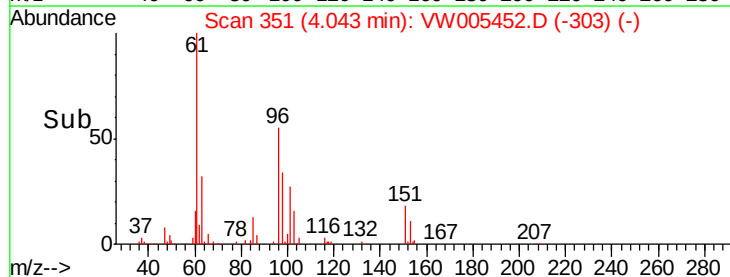
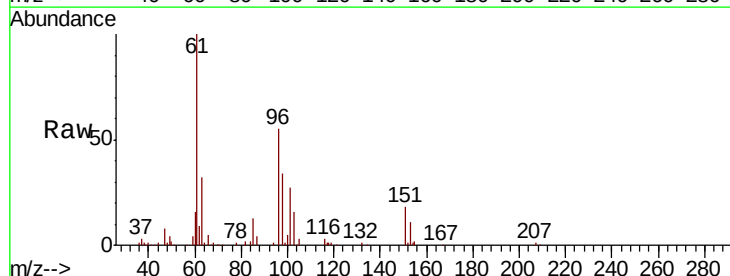
apatel
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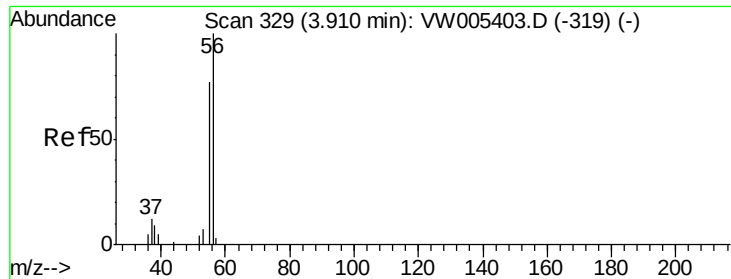


#12

1,1-Dichloroethene
 Concen: 21.47 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	96	61	98	Ratio	100	180.3	60.6	Resp	41981	Lower	Upper
96	100										
61		180.3								135.7	203.5
98		60.6								48.6	73.0





#13

Acrolein

Concen: 118.10 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 56 Resp: 13607

Ion Ratio Lower Upper

56 100

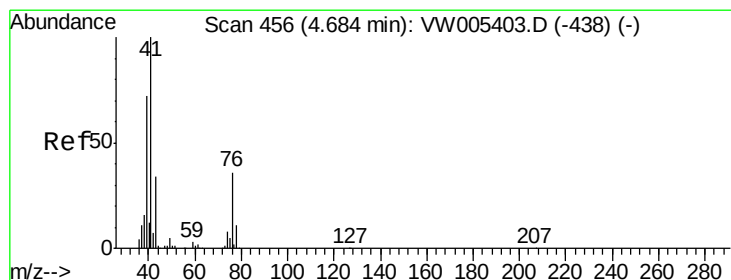
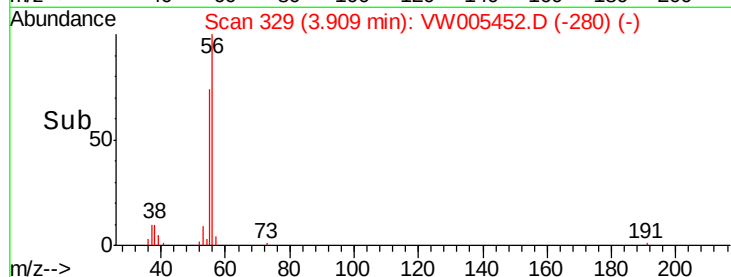
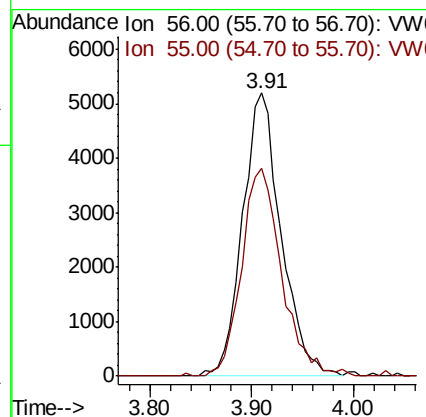
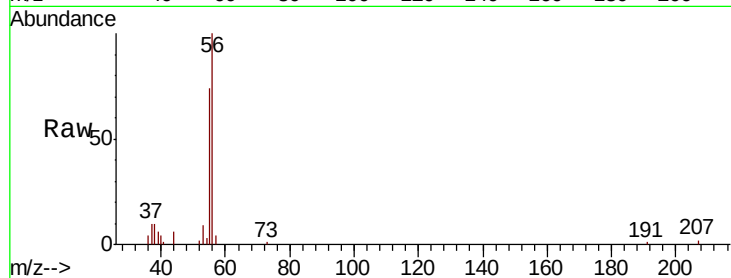
55 76.6 59.8 89.8

Manual Integrations

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#14

Allyl chloride

Concen: 23.11 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

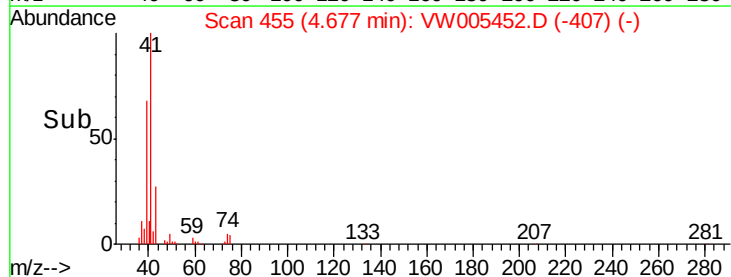
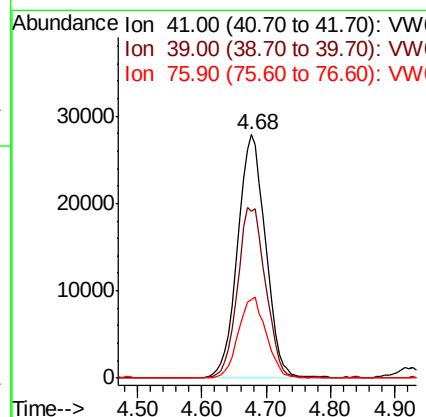
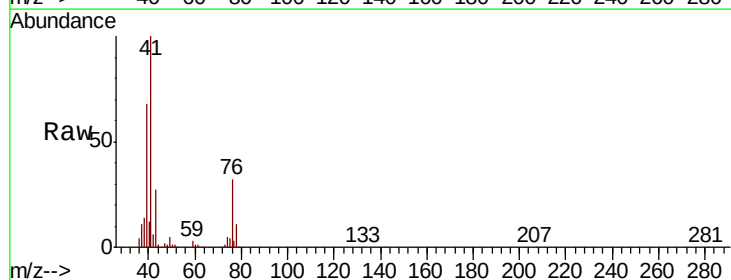
Tgt Ion: 41 Resp: 84079

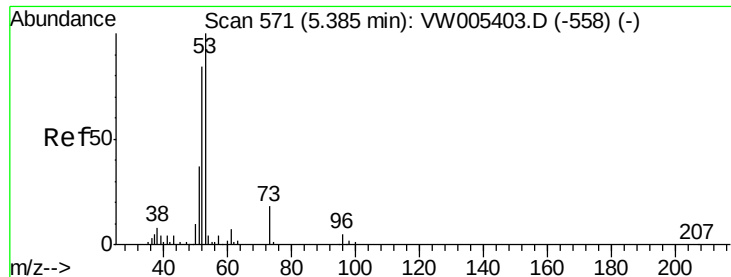
Ion Ratio Lower Upper

41 100

39 70.8 58.6 88.0

76 32.9 27.4 41.0





#15

Acrylonitrile

Concen: 107.76 ug/l

RT: 5.38 min Scan# 571

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

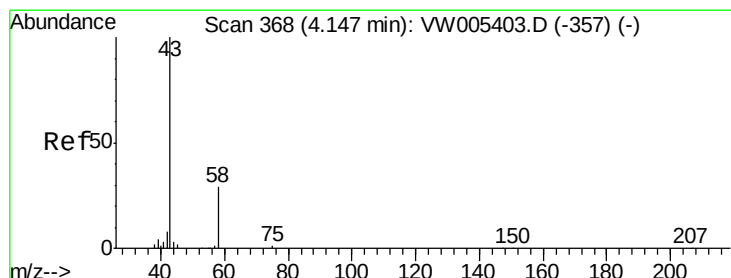
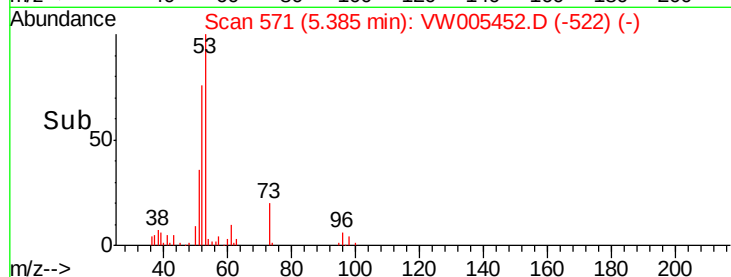
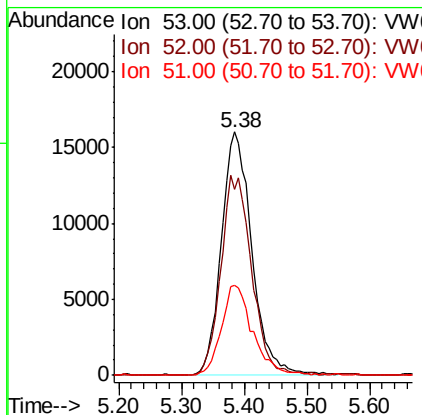
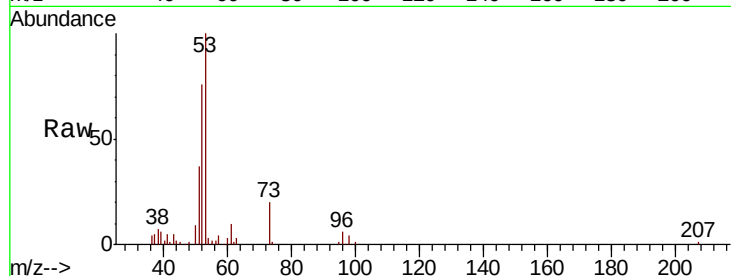
ClientSampleId :

VW0917SBSD02

Tot Ion:	53	Resp:	54241
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.6	99.8
51	37.6	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 98.33 ug/l

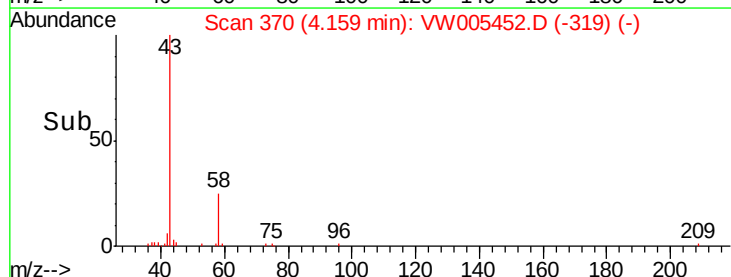
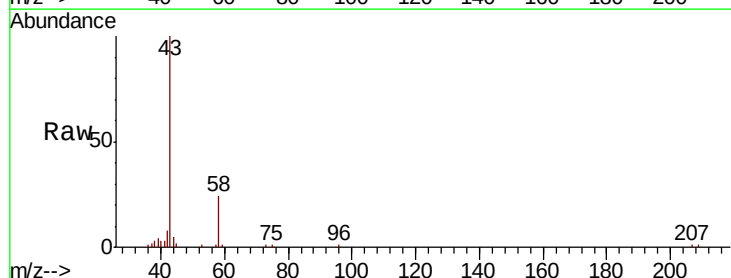
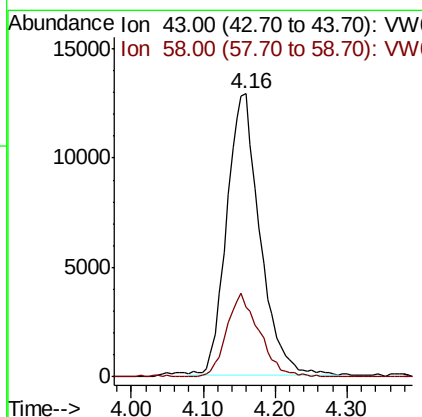
RT: 4.16 min Scan# 370

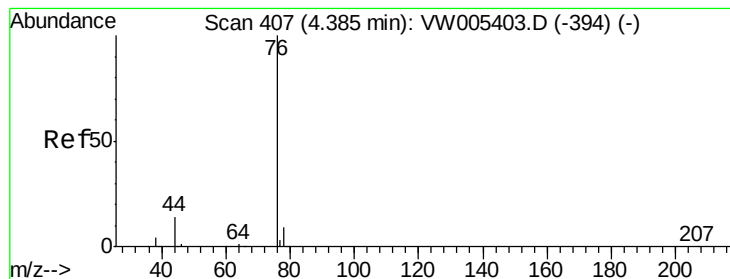
Delta R.T. 0.01 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Tgt Ion:	43	Resp:	41223
Ion Ratio	Lower	Upper	
43	100		
58	24.6	22.8	34.2





#17

Carbon Disulfide

Concen: 21.03 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD02

Tot Ion: 76 Resp: 144894

Ion Ratio Lower Upper

76 100

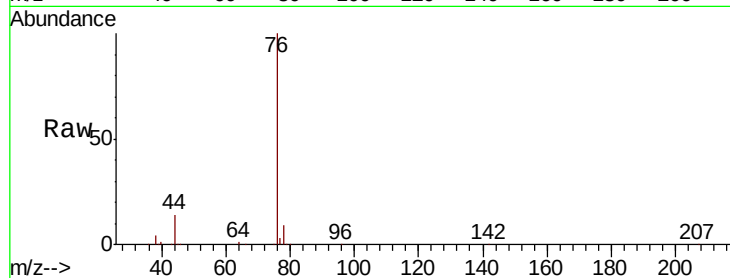
78 9.0 7.4 11.0

Manual Integrations

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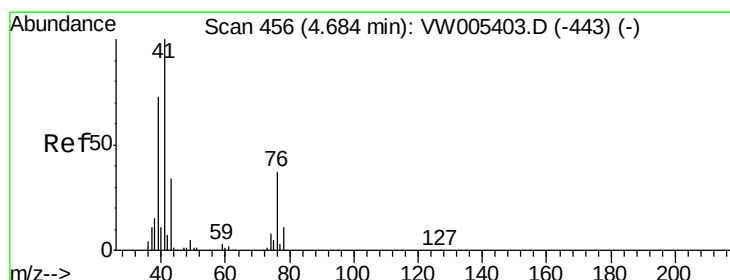
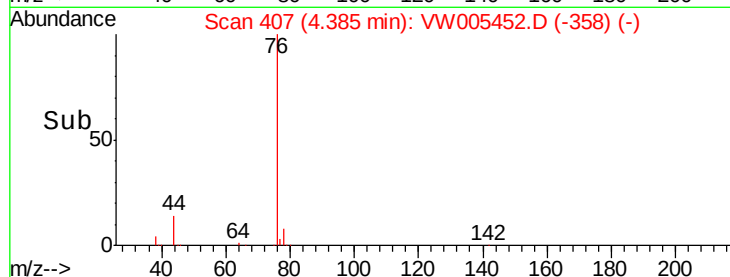
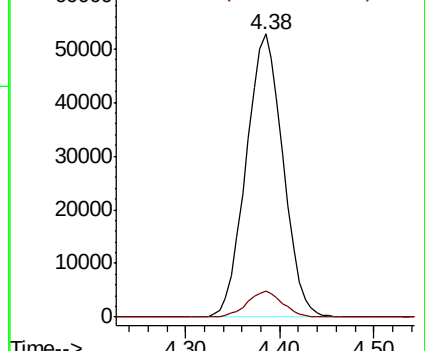
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.60 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005452.D

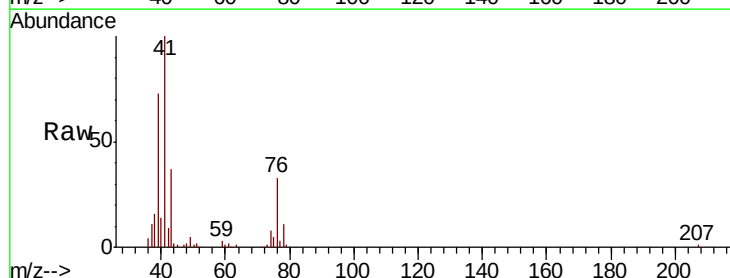
Acq: 18 Sep 2018 01:38

Tgt Ion: 43 Resp: 25968

Ion Ratio Lower Upper

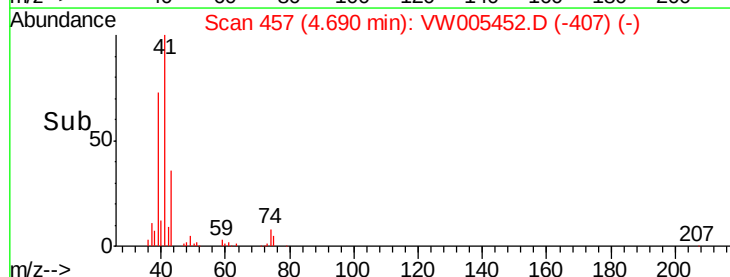
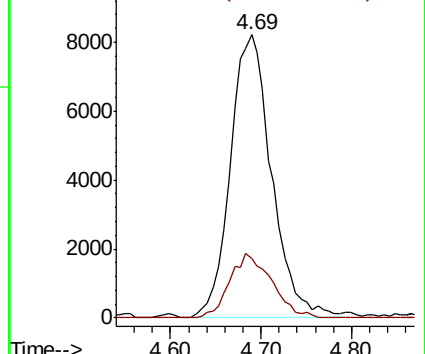
43 100

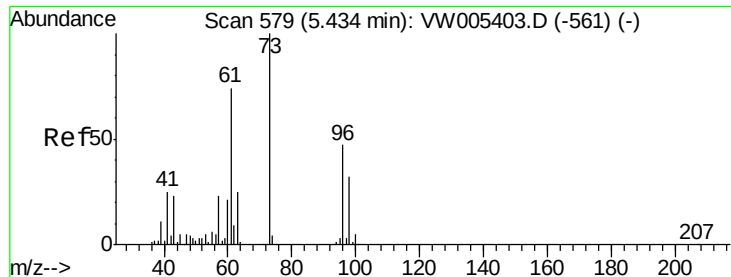
74 23.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





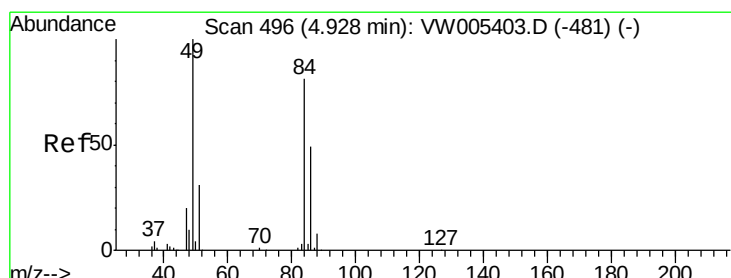
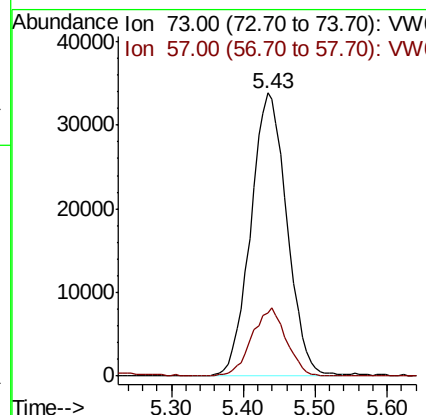
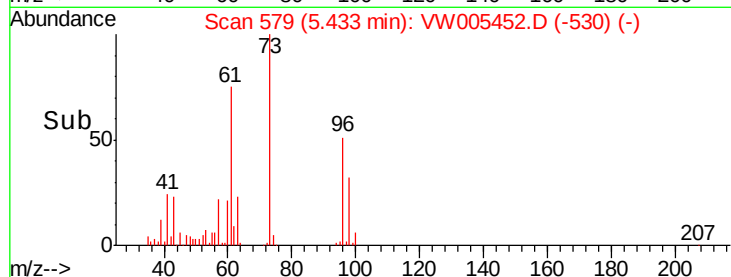
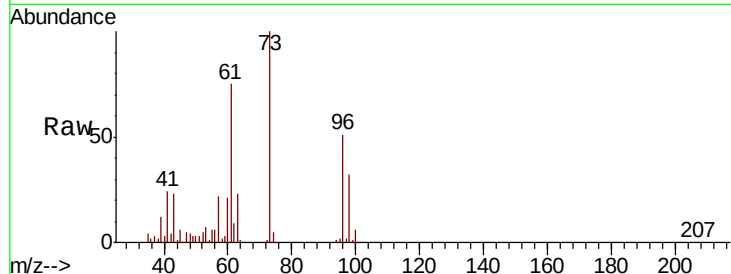
#19
Methyl tert-butyl Ether
Concen: 22.24 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

Tot Ion: 73 Resp: 118070
Ion Ratio Lower Upper
73 100
57 22.3 18.6 28.0

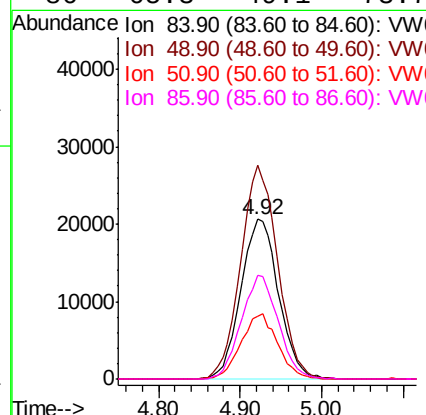
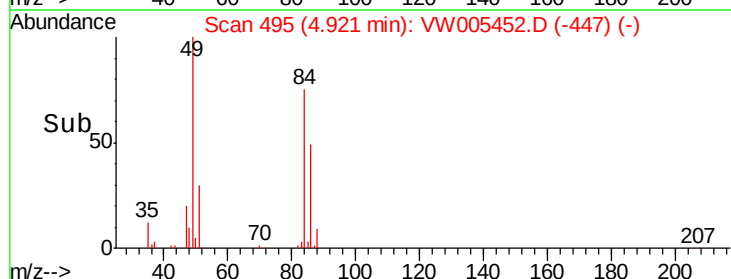
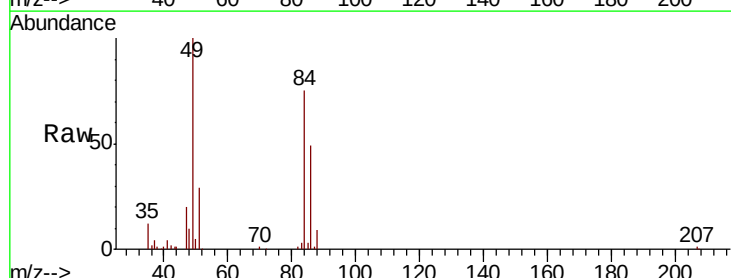
Manual Integrations
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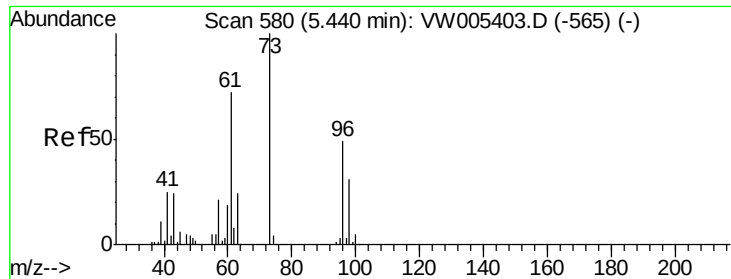
apatel
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#20
Methylene Chloride
Concen: 22.29 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion: 84 Resp: 66308
Ion Ratio Lower Upper
84 100
49 133.8 99.3 148.9
51 39.4 31.1 46.7
86 65.3 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 21.83 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

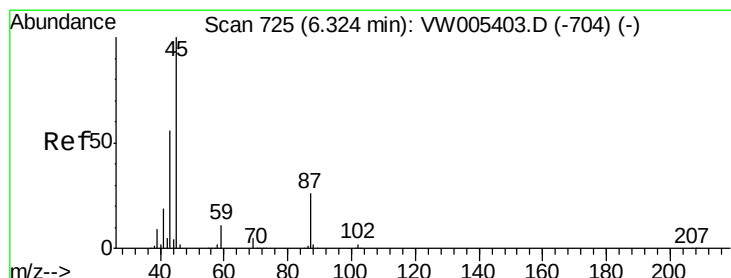
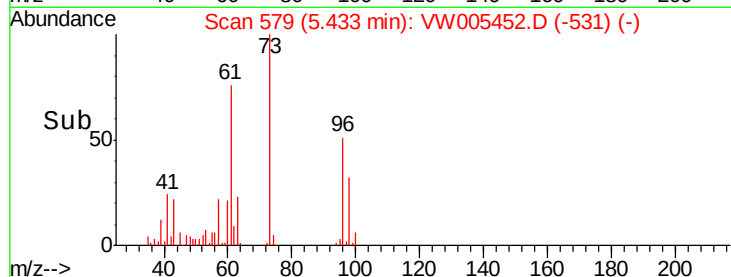
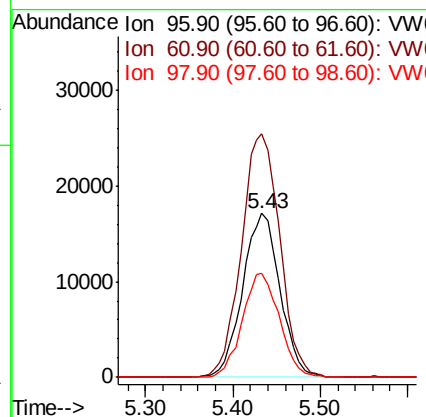
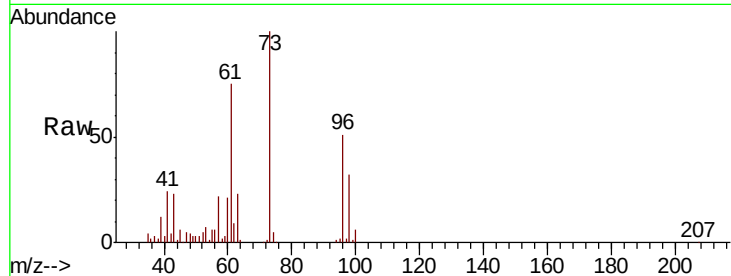
ClientSampleId :

VW0917SBS02

Tot Ion:	96	Resp:	50993
Ion	Ratio	Lower	Upper
96	100		
61	148.3	116.7	175.1
98	63.3	51.0	76.6

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#22

Diisopropyl ether

Concen: 23.64 ug/l

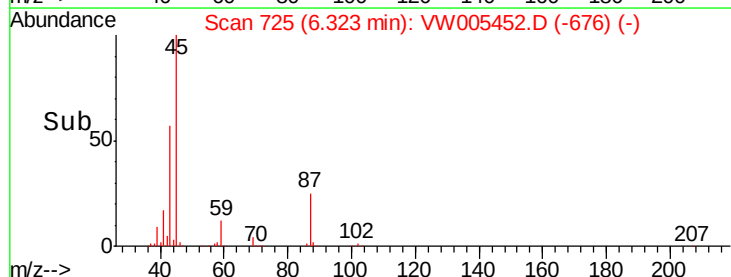
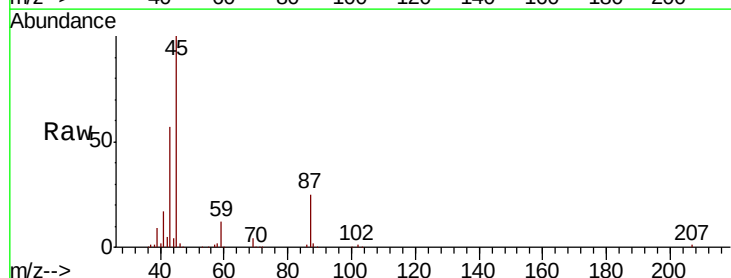
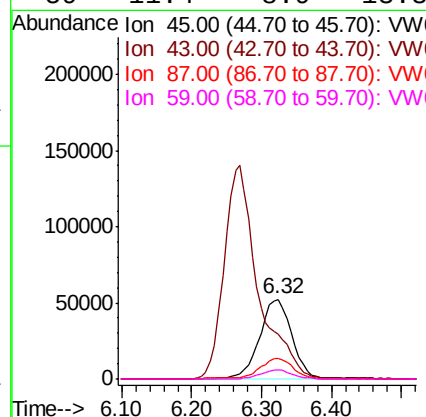
RT: 6.32 min Scan# 725

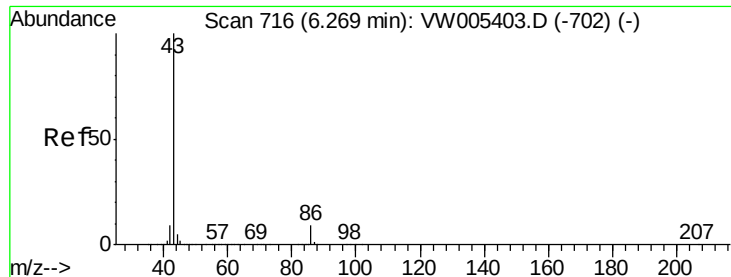
Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Tgt Ion:	45	Resp:	169135
Ion	Ratio	Lower	Upper
45	100		
43	56.5	44.6	67.0
87	24.9	20.6	31.0
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 116.41 ug/l

RT: 6.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 43 Resp: 474512

Ion Ratio Lower Upper

43 100

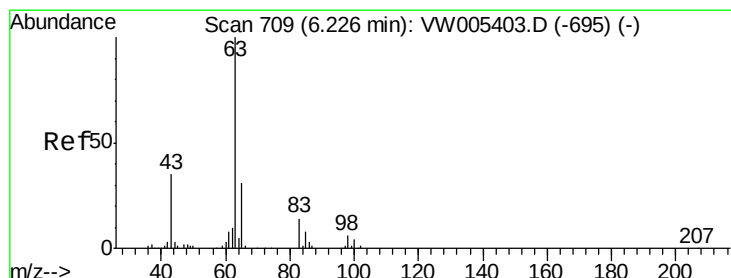
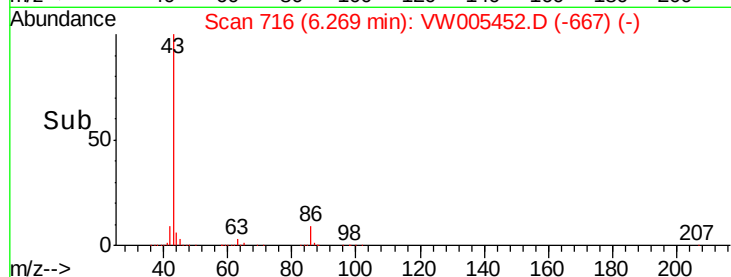
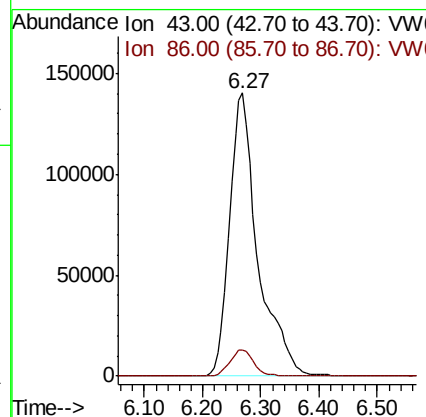
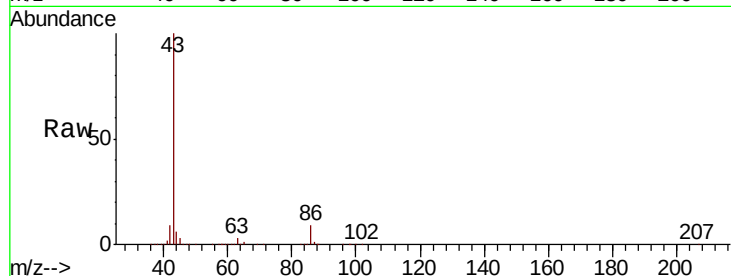
86 9.2 7.5 11.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.37 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

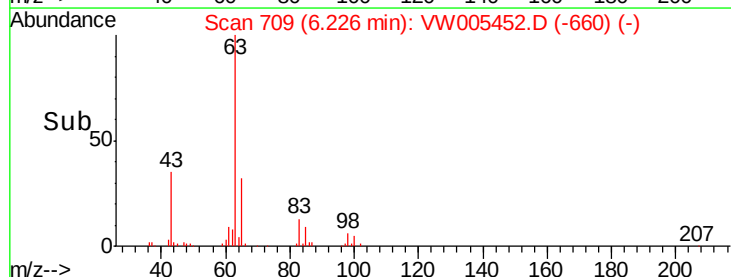
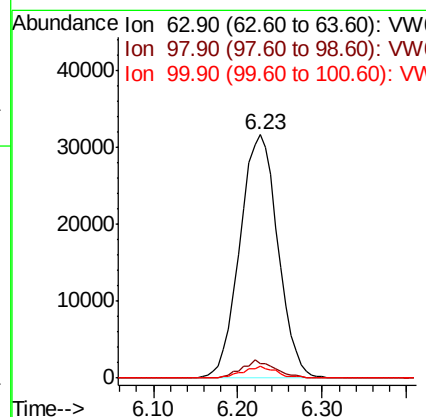
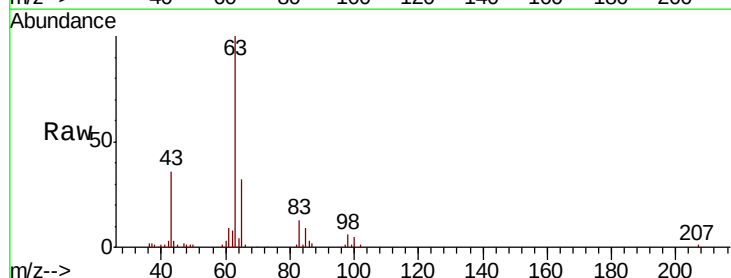
Tgt Ion: 63 Resp: 97097

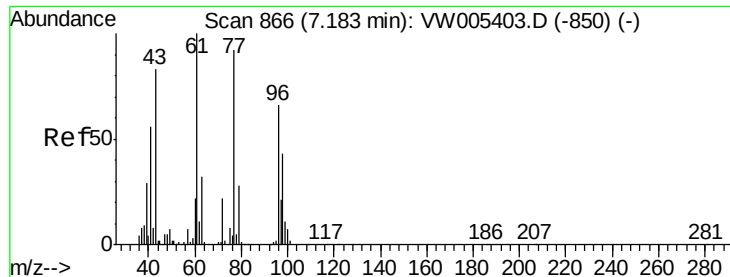
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 107.38 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampled :

VW0917SBS02

Tot Ion: 43 Resp: 67769

Ion Ratio Lower Upper

43 100

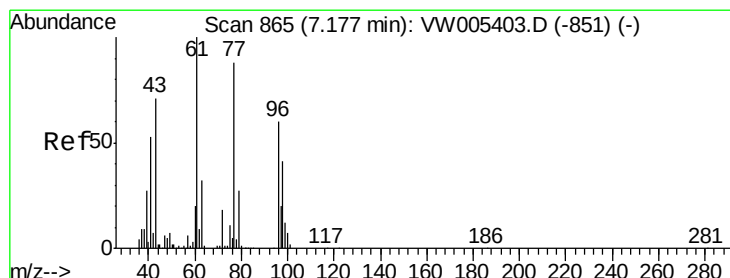
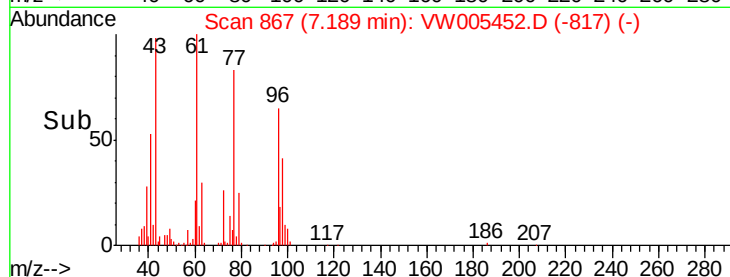
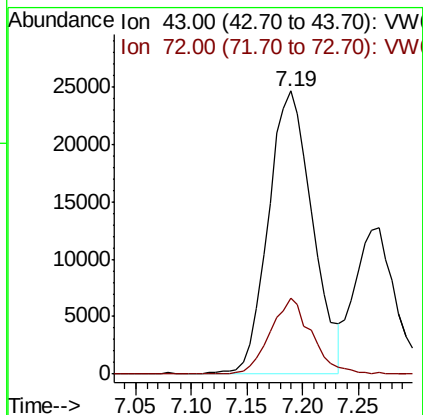
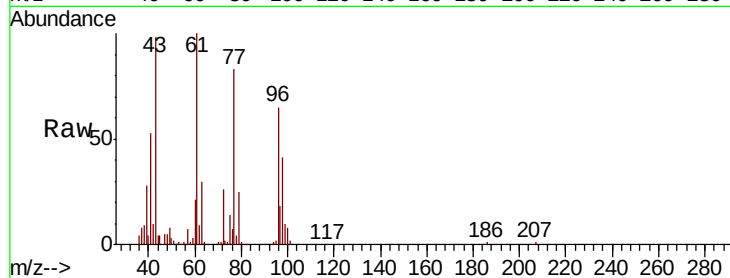
72 26.8 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.80 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005452.D

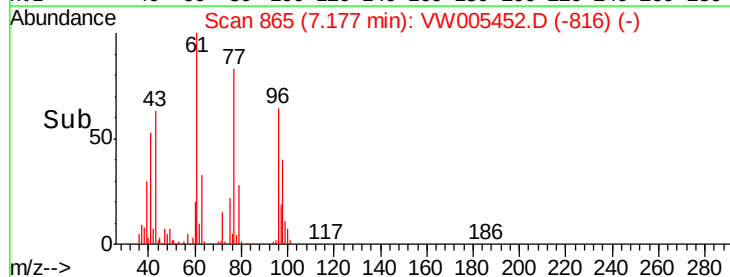
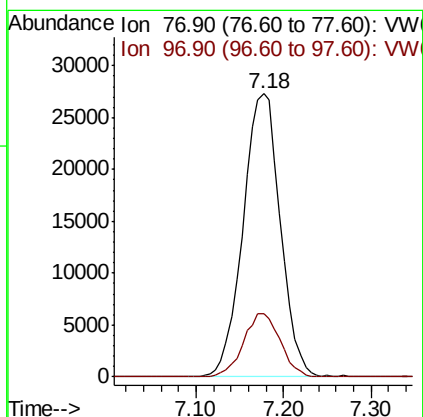
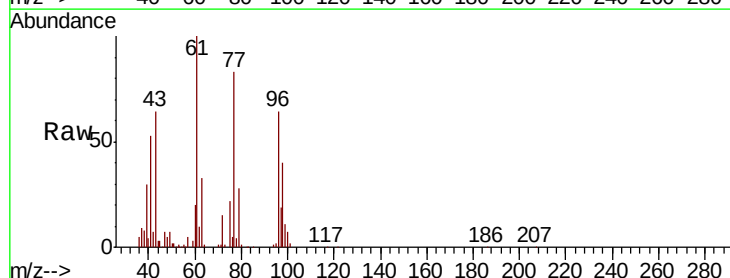
Acq: 18 Sep 2018 01:38

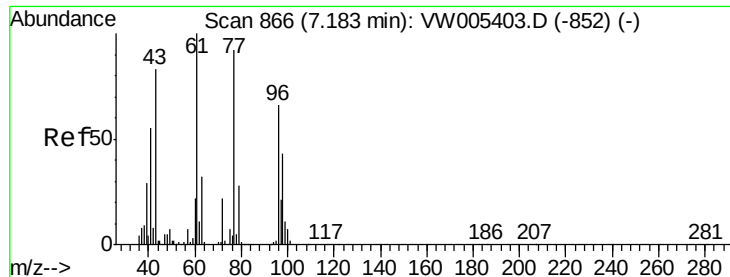
Tgt Ion: 77 Resp: 80983

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 22.52 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

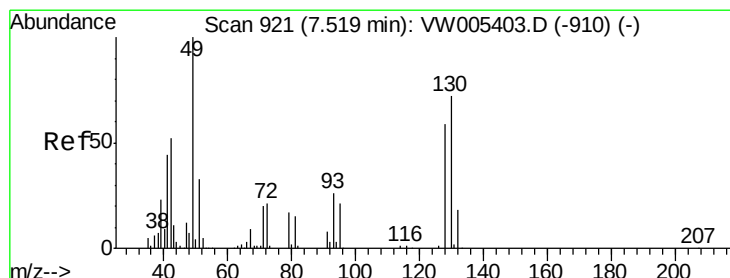
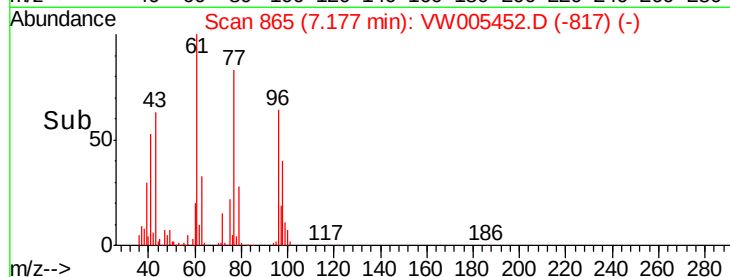
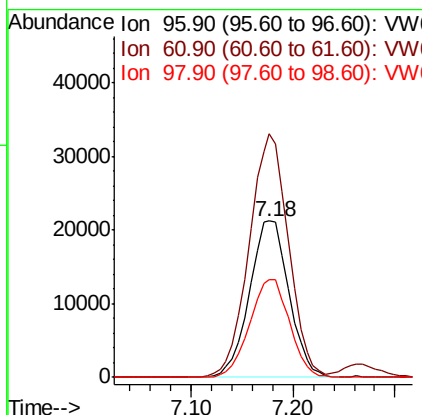
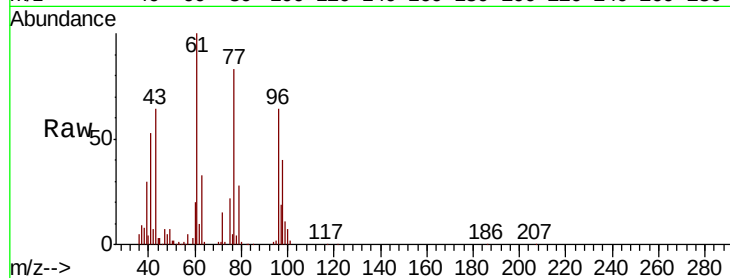
ClientSampleId :

VW0917SBS02

Tot Ion:	96	Resp:	57208
Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	316.0
98	63.1	0.0	130.8

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#28

Bromochloromethane

Concen: 21.50 ug/l

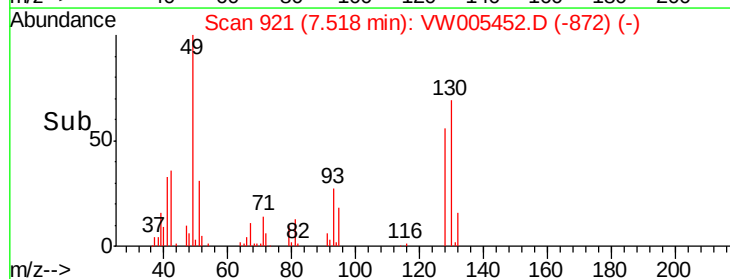
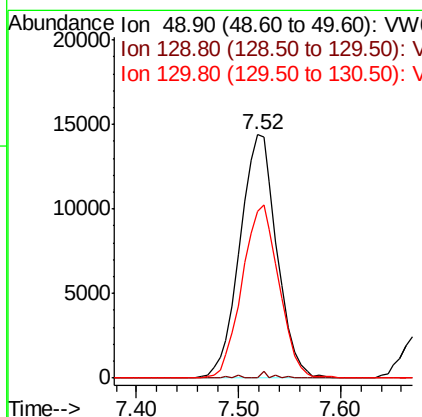
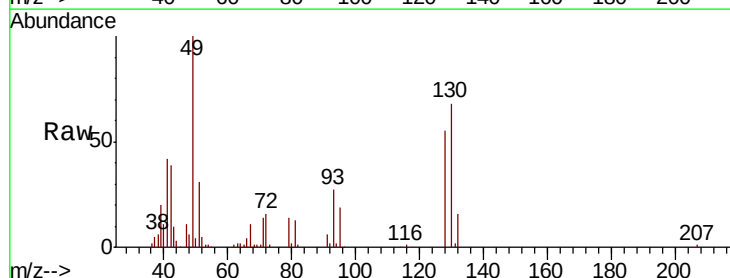
RT: 7.52 min Scan# 921

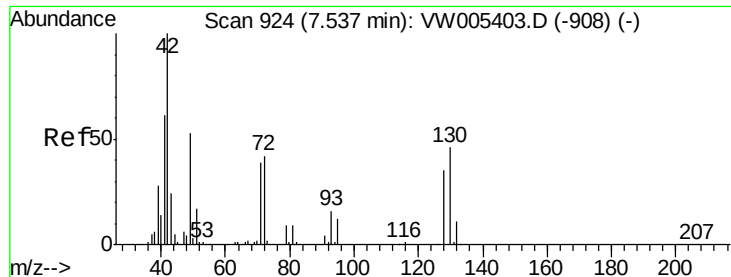
Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Tgt Ion:	49	Resp:	36306
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.0
130	70.6	61.4	92.2





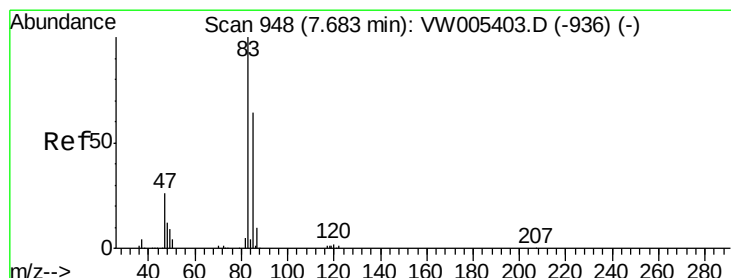
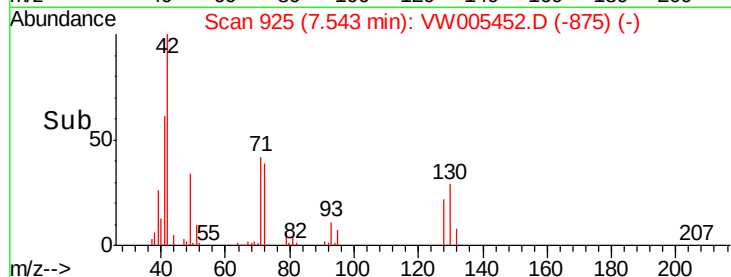
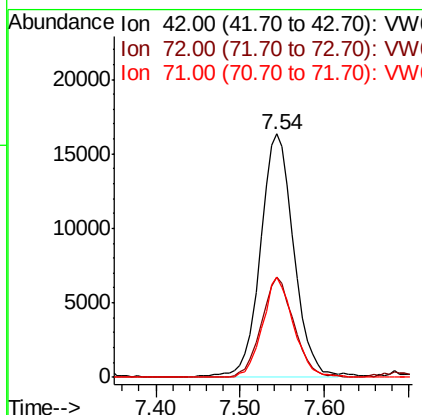
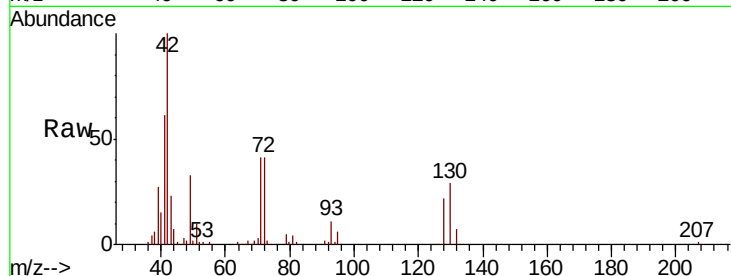
#29
Tetrahydrofuran
Concen: 110.54 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	33.2	49.8
71	38.1	31.0	46.6

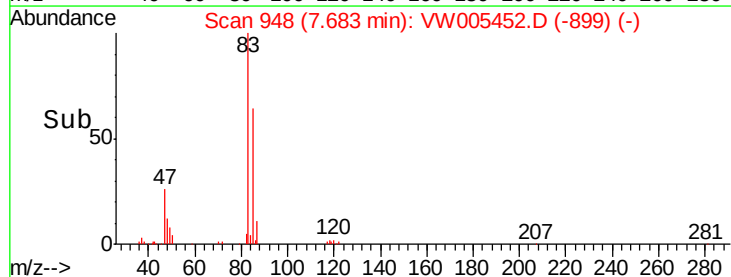
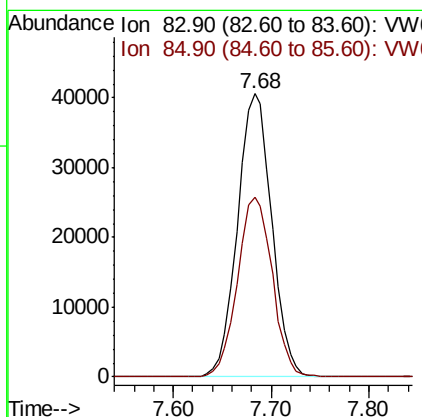
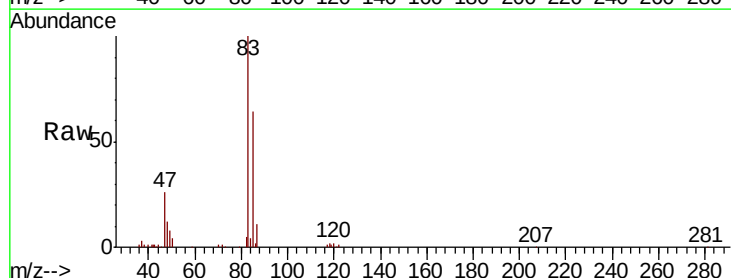
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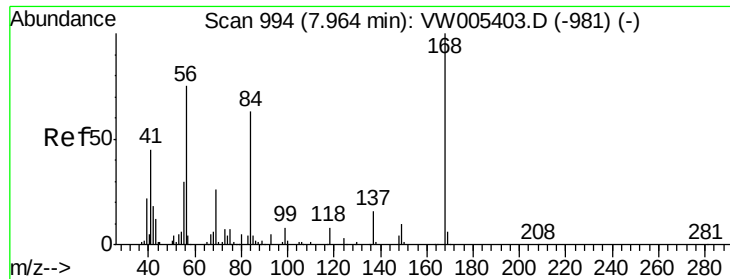
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#30
Chloroform
Concen: 21.91 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.5	77.3





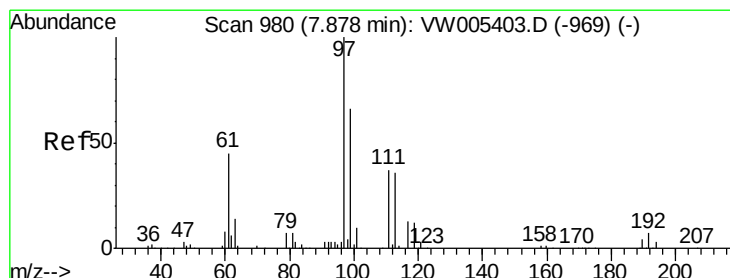
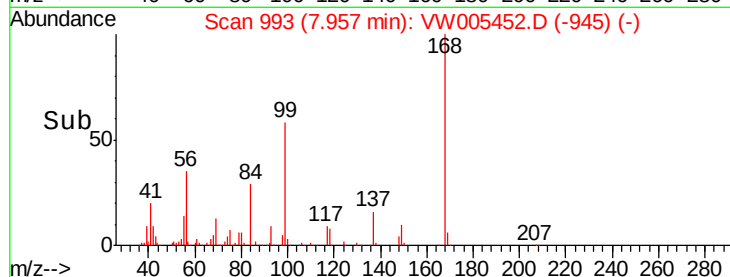
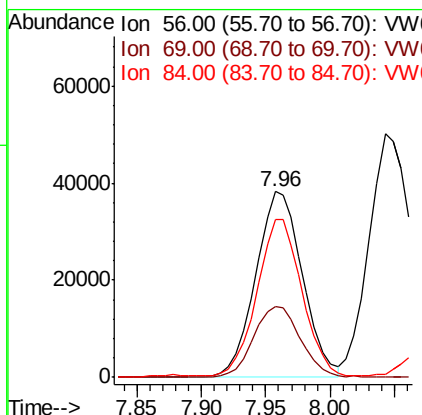
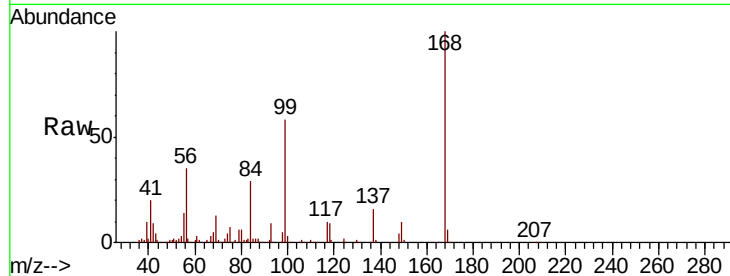
#31
Cyclohexane
Concen: 22.95 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	38.4	27.2	40.8	
84	83.7	66.7	100.1	

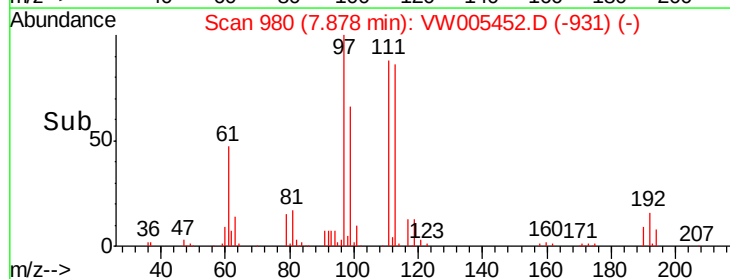
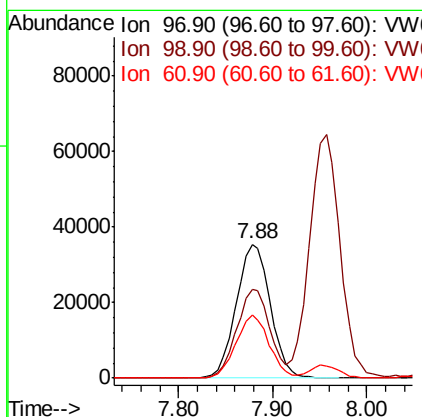
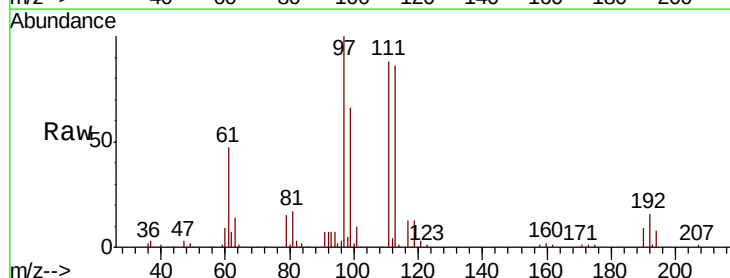
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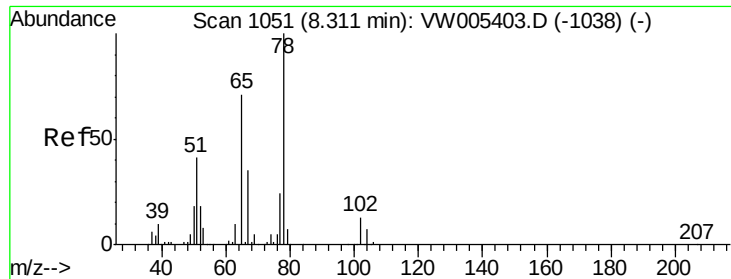
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#32
1,1,1-Trichloroethane
Concen: 21.42 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.0	51.5	77.3	
61	45.8	35.8	53.6	





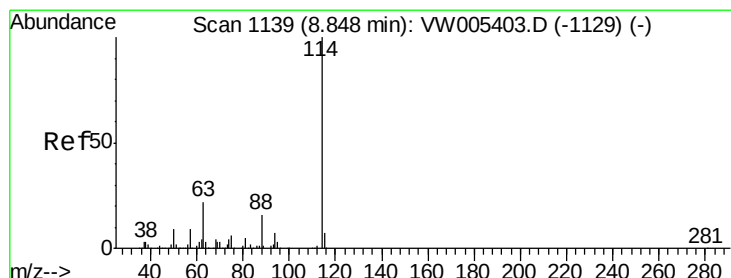
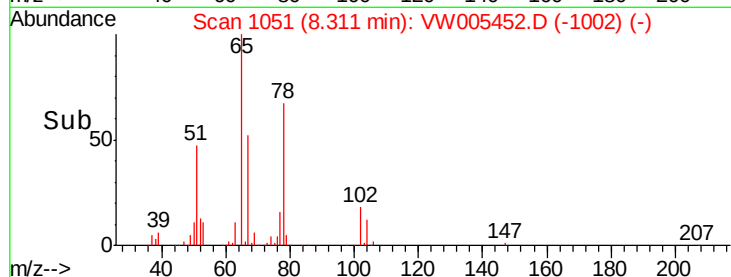
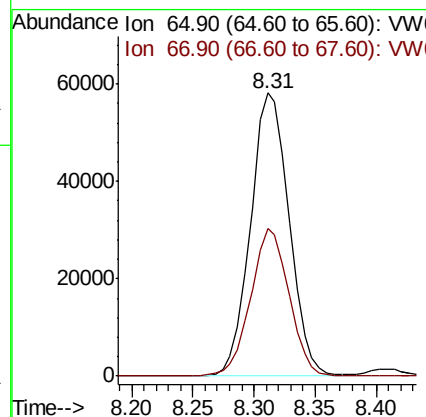
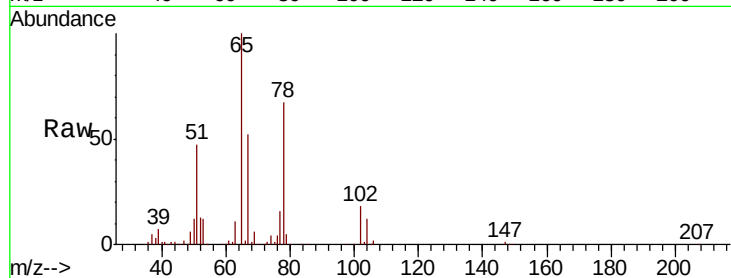
#33
 1,2-Dichloroethane-d4
 Concen: 48.63 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127595		
67	52.1	0.0	100.6	

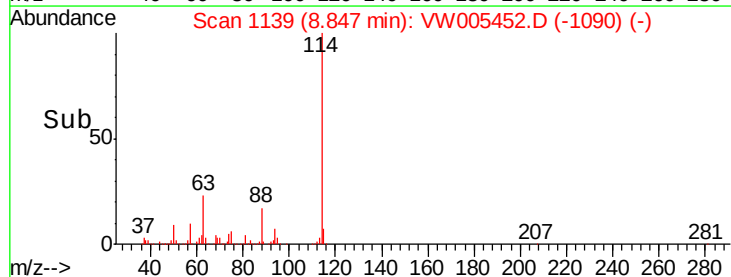
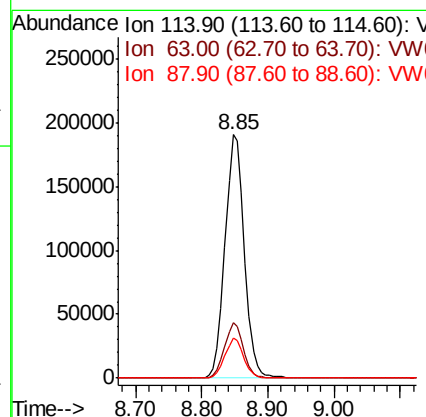
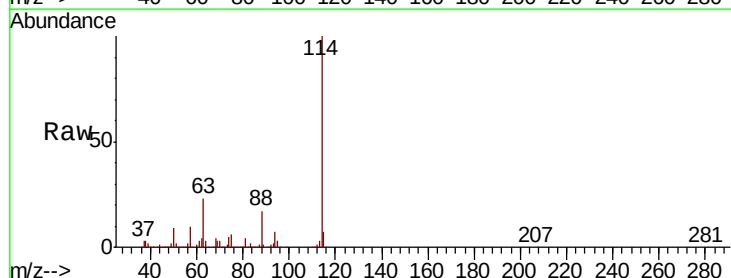
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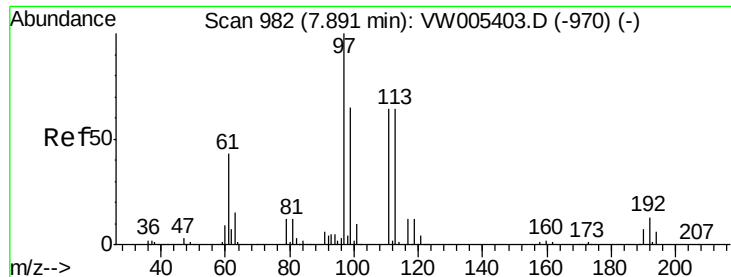
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	385941		
63	22.6	0.0	43.4	
88	16.6	0.0	31.8	





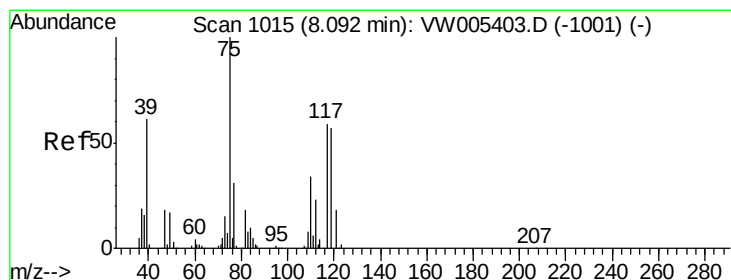
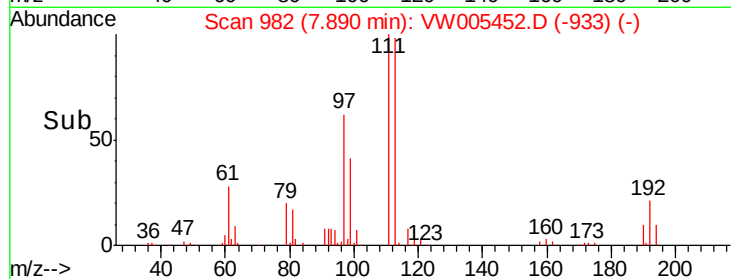
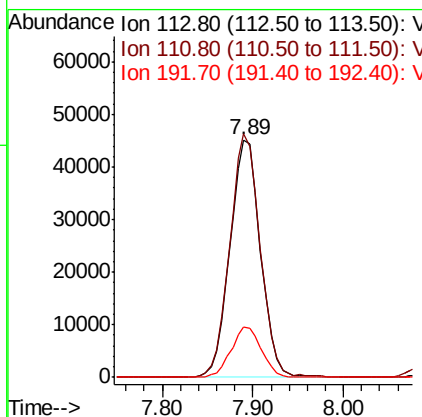
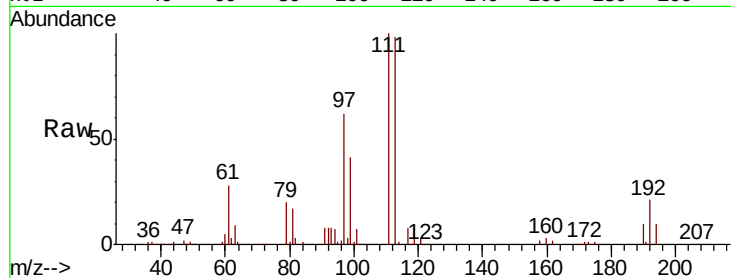
#35
Dibromofluoromethane
Concen: 48.61 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.2	82.3	123.5	
192	21.1	16.5	24.7	

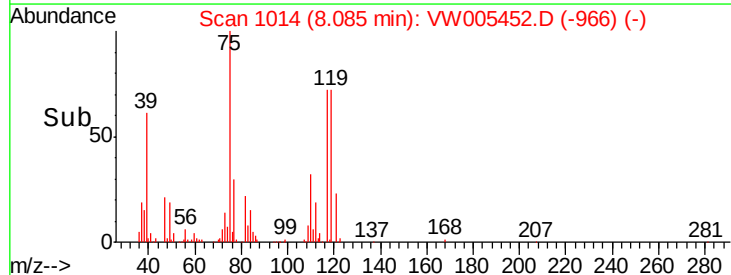
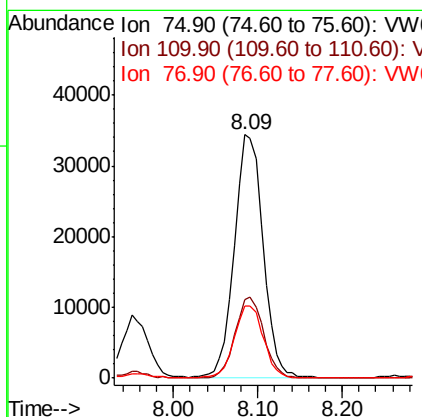
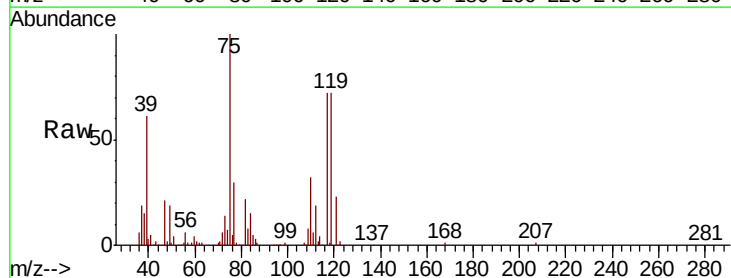
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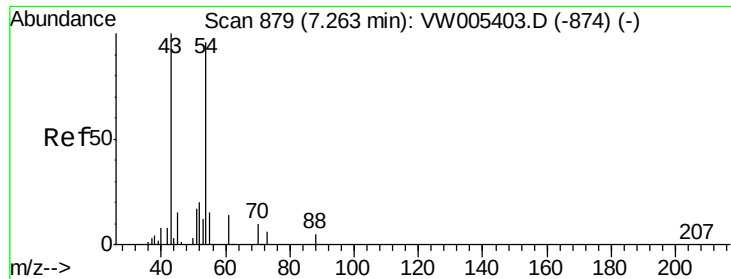
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#36
1,1-Dichloropropene
Concen: 21.75 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.7	16.8	50.4	
77	30.4	24.2	36.4	





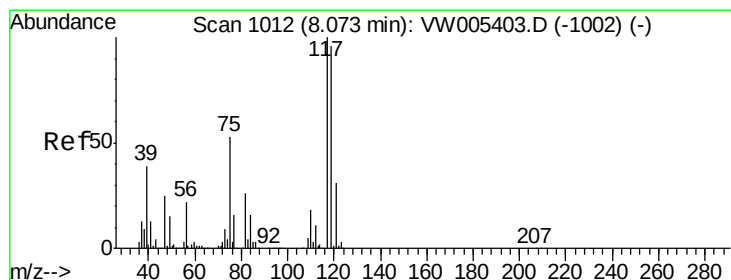
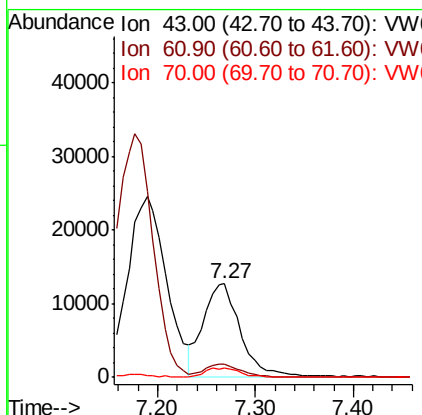
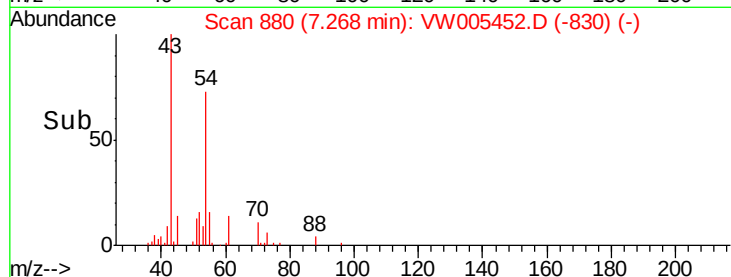
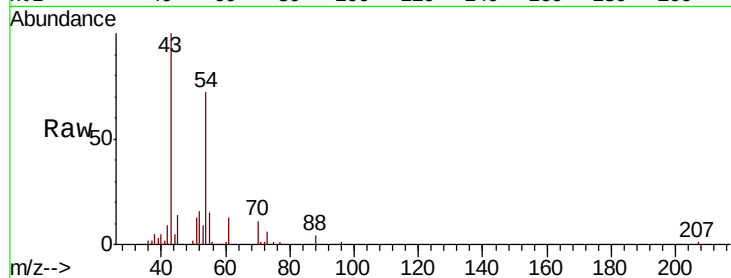
#37
Ethyl Acetate
Concen: 22.24 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	9.8	8.2	12.4

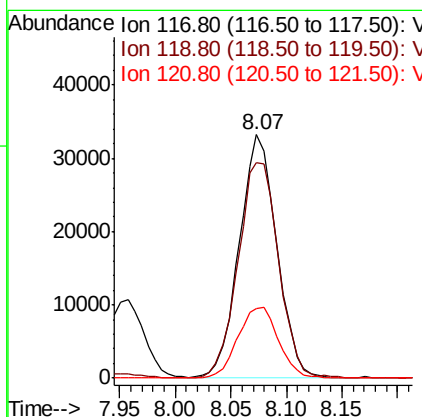
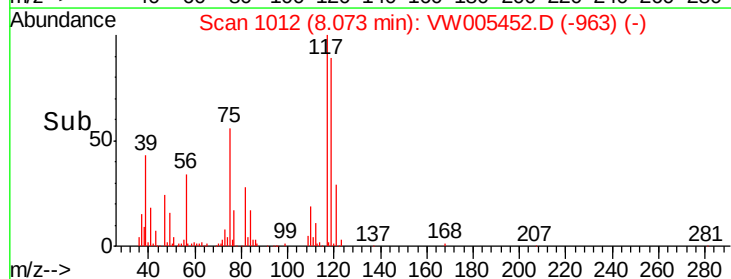
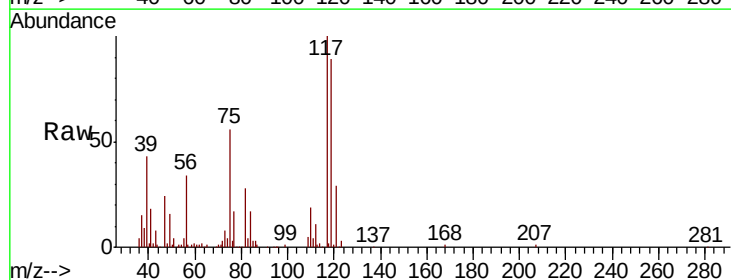
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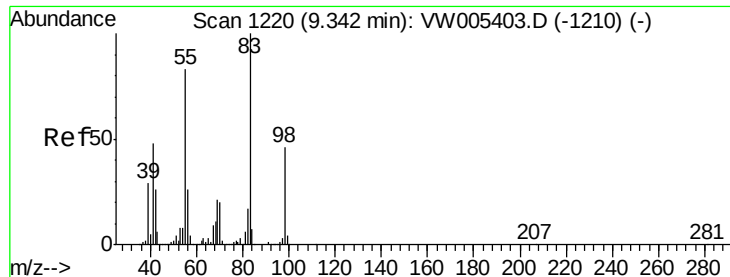
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#38
Carbon Tetrachloride
Concen: 20.35 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.8	76.8	115.2
121	28.9	24.7	37.1





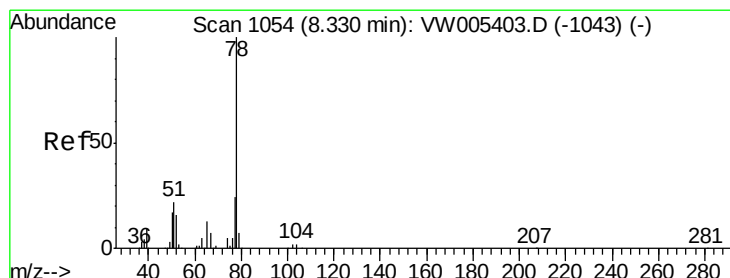
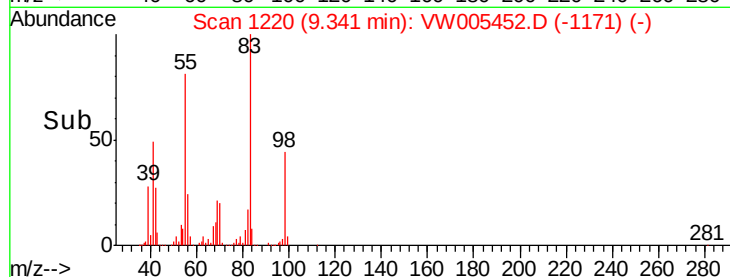
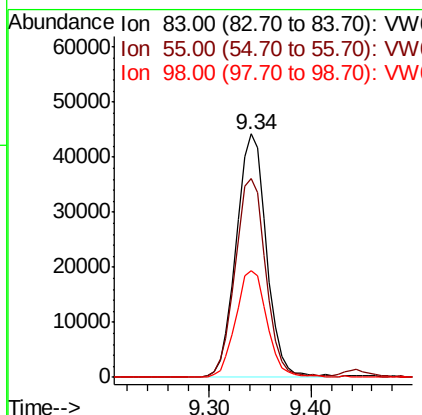
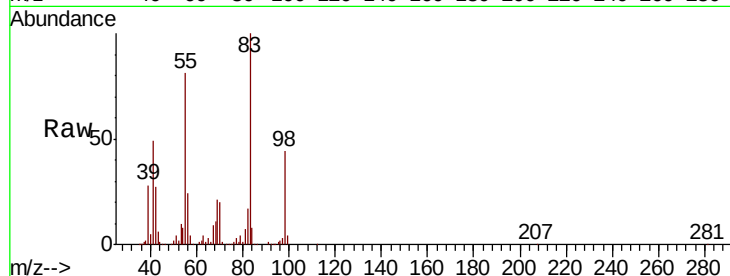
#39
Methylvlcyclohexane
Concen: 21.40 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	66.1	99.1
98	43.9	36.7	55.1

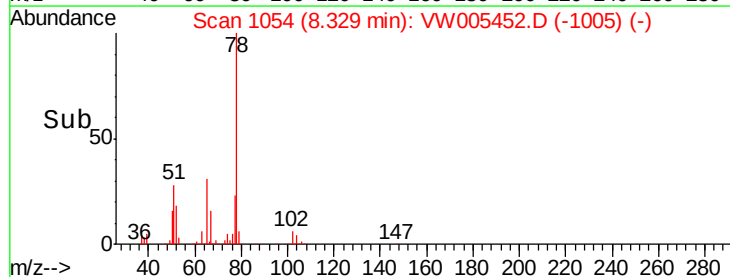
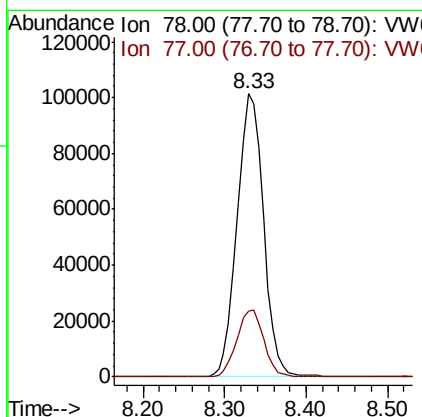
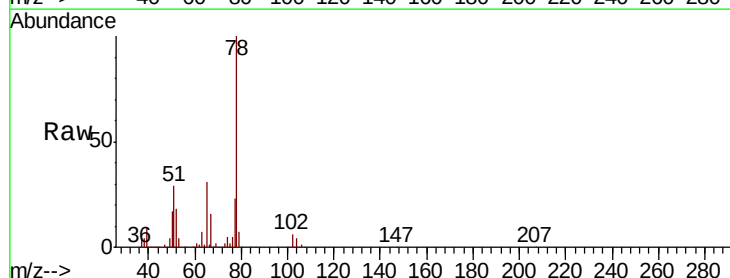
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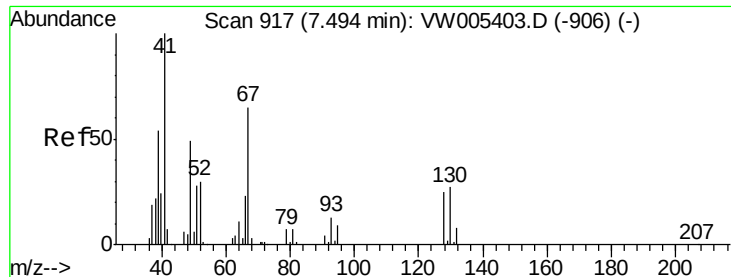
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#40
Benzene
Concen: 21.50 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





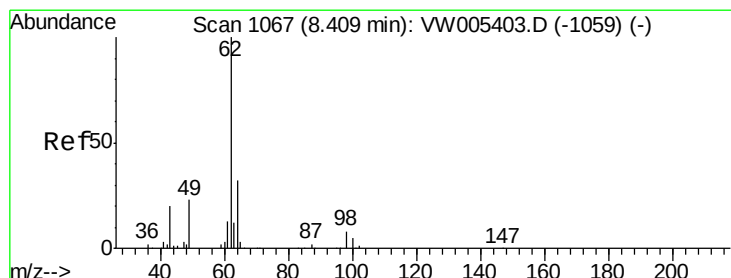
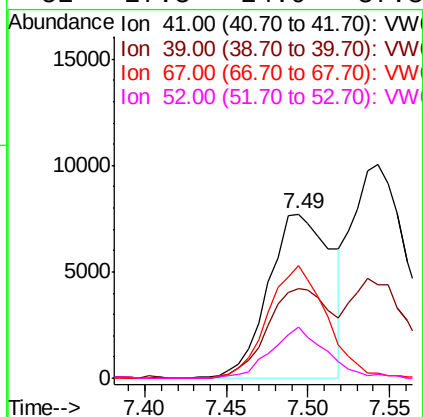
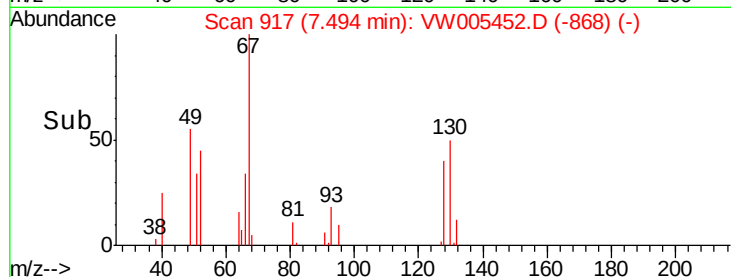
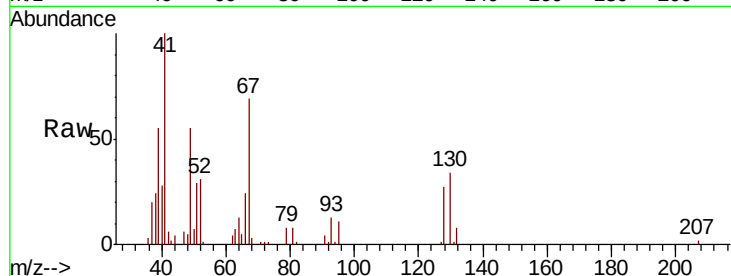
#41
Methacrylonitrile
Concen: 23.26 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.6	67.0
67	64.2	53.6	80.4
52	27.3	24.9	37.3

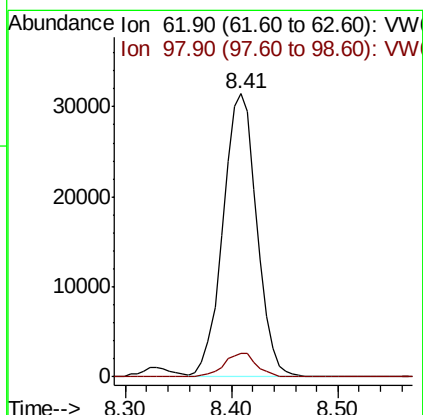
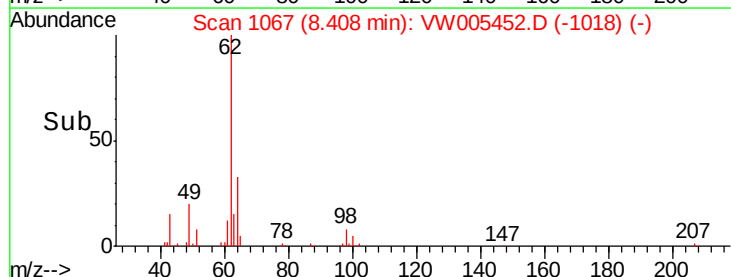
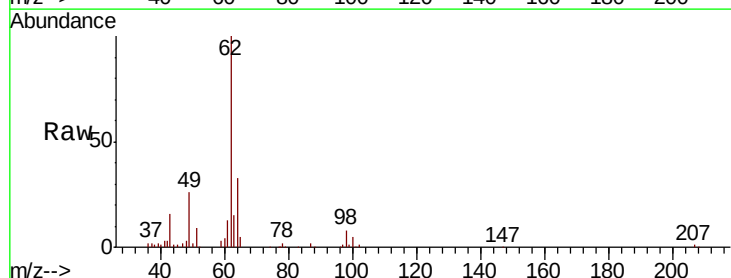
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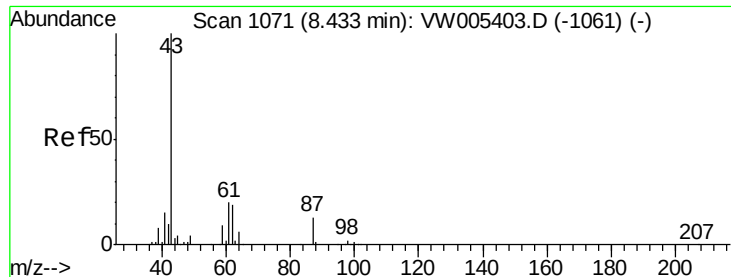
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#42
1,2-Dichloroethane
Concen: 21.03 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.6





#43

Isopropyl Acetate

Concen: 21.20 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

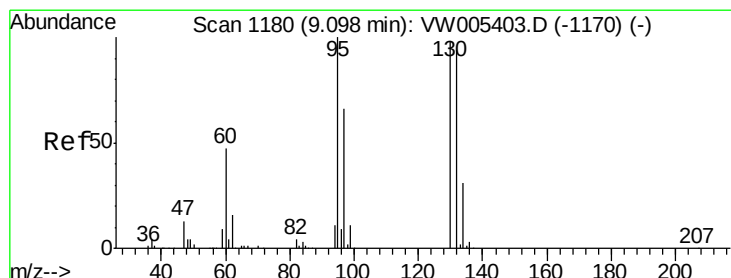
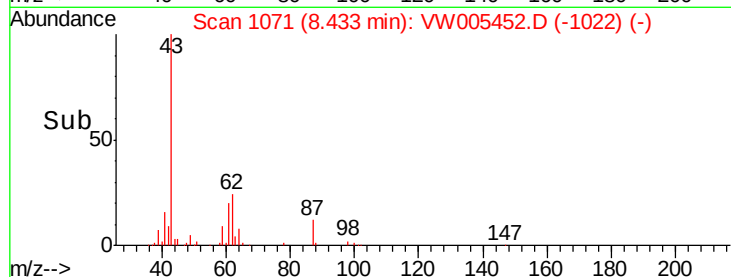
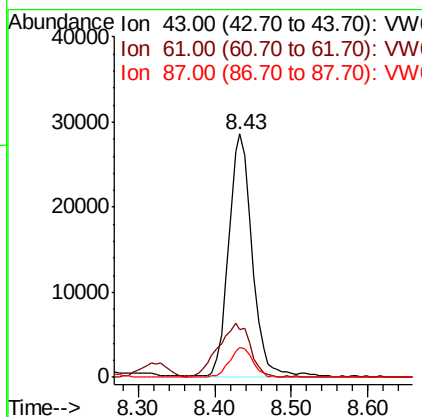
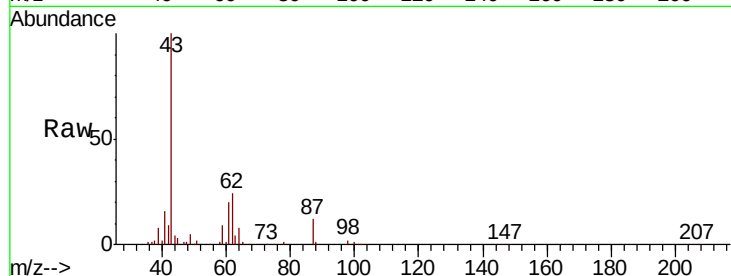
ClientSampleId :

VW0917SBSD02

Tot Ion:	43	Resp:	61441
Ion	Ratio	Lower	Upper
43	100		
61	30.4	23.8	35.6
87	12.2	10.1	15.1

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#44

Trichloroethene

Concen: 21.18 ug/l

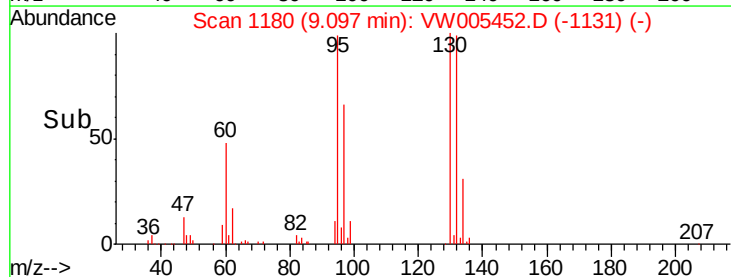
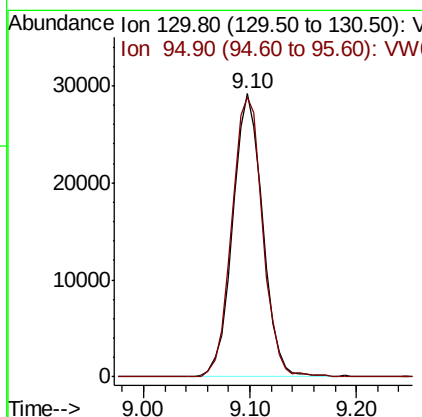
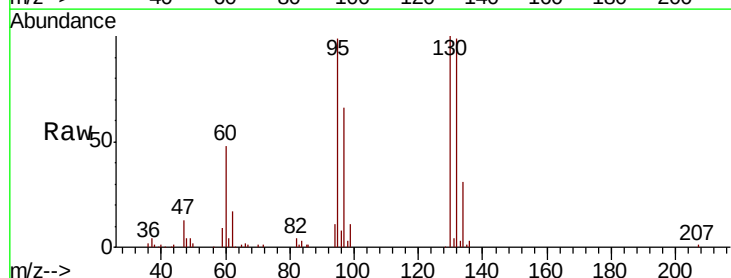
RT: 9.10 min Scan# 1180

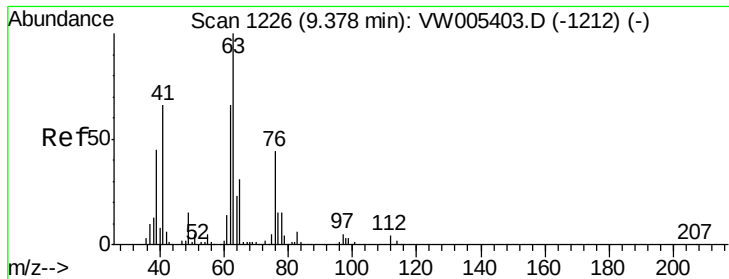
Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Tgt Ion:	130	Resp:	57675
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	204.6





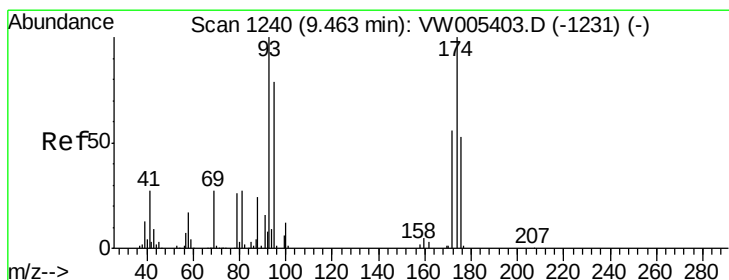
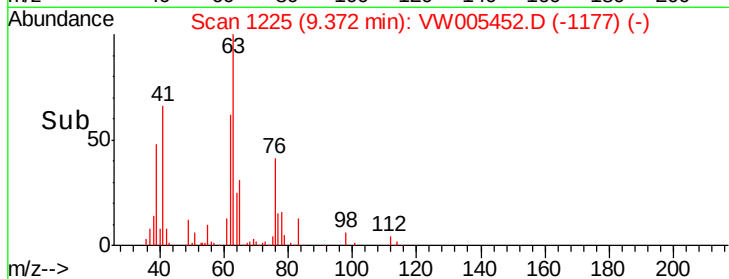
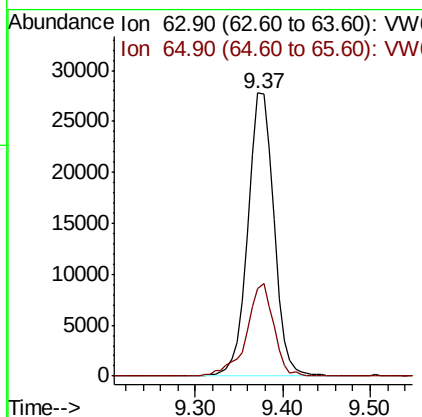
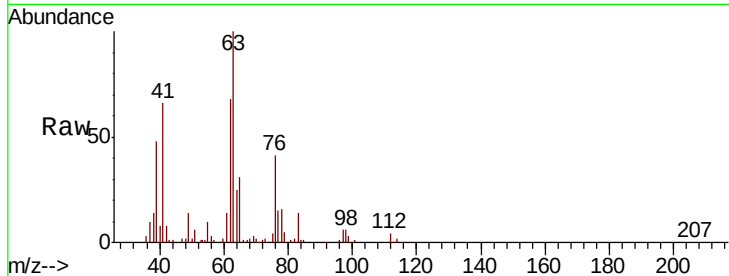
#45
 1,2-Dichloropropane
 Concen: 22.78 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.0	37.6

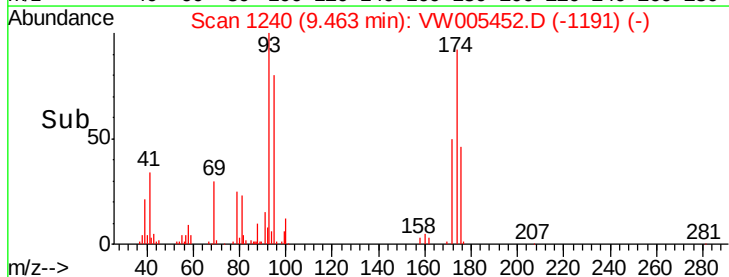
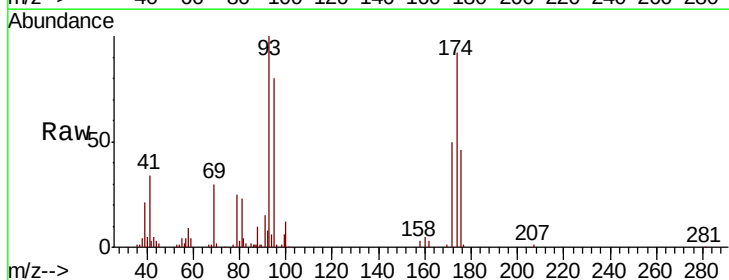
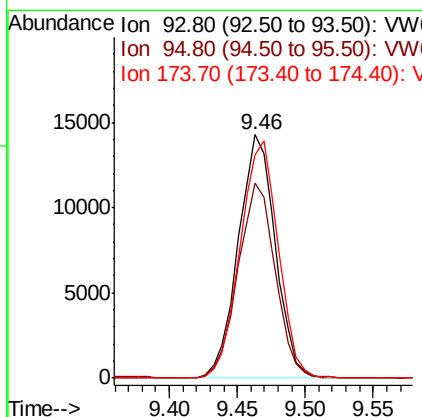
Manual Integrations
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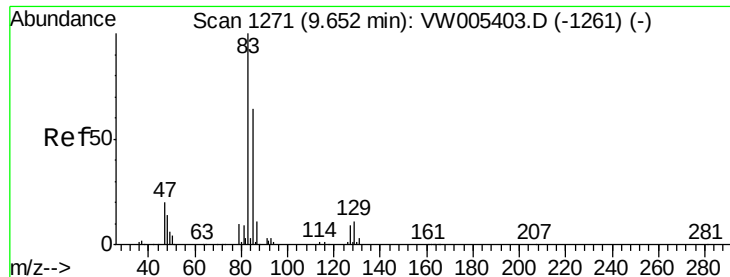
apatel
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#46
 Dibromomethane
 Concen: 21.85 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.9	65.4	98.0
174	100.2	83.4	125.2





#47

Bromodichloromethane

Concen: 21.95 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

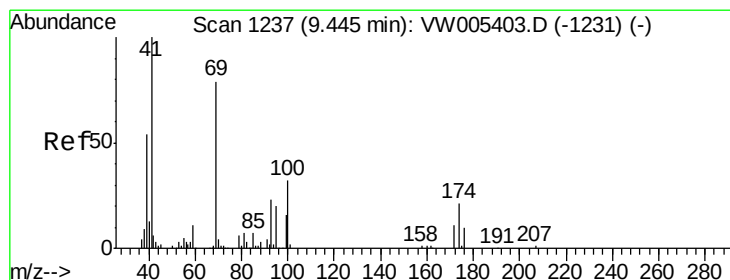
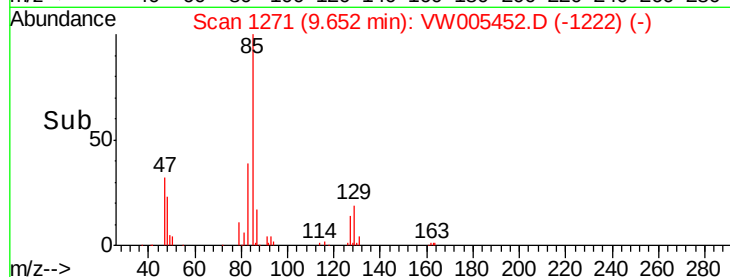
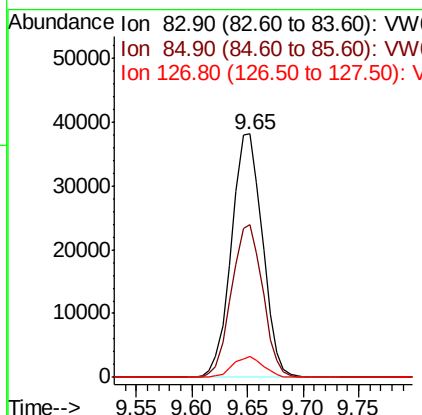
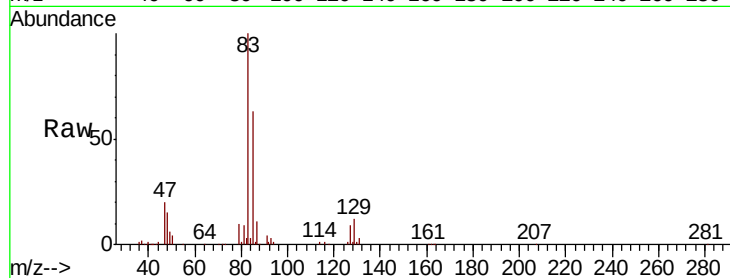
ClientSampleId :

VW0917SBS02

Tot Ion:	83	Resp:	73946
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.9	76.3
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.30 ug/l

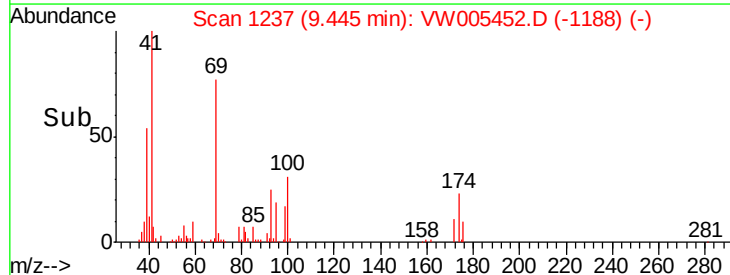
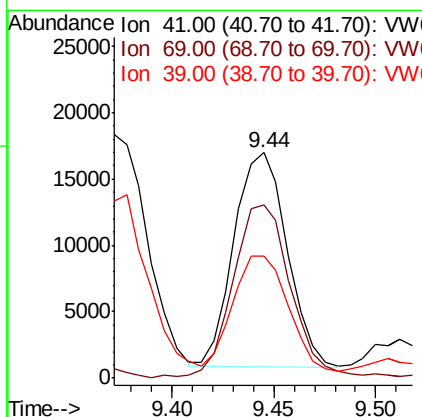
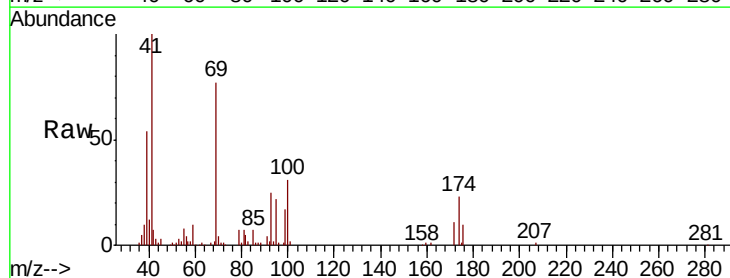
RT: 9.44 min Scan# 1237

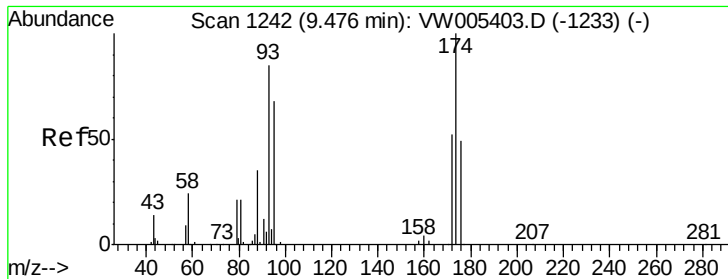
Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Tgt Ion:	41	Resp:	29364
Ion	Ratio	Lower	Upper
41	100		
69	84.7	67.5	101.3
39	62.7	45.5	68.3





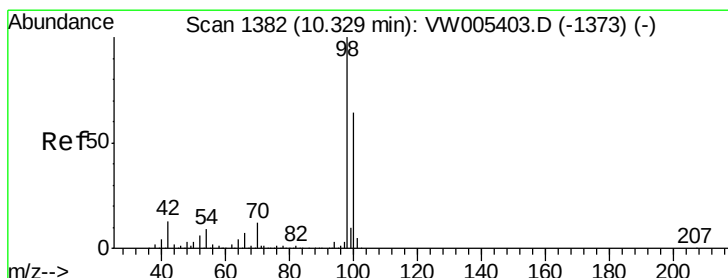
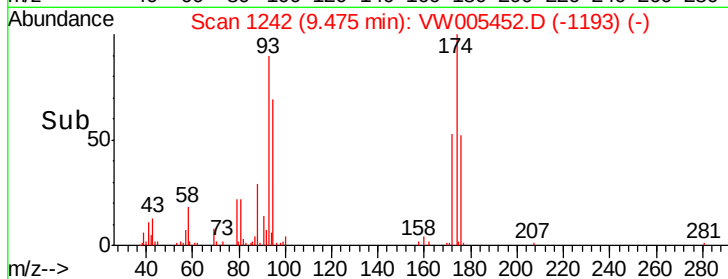
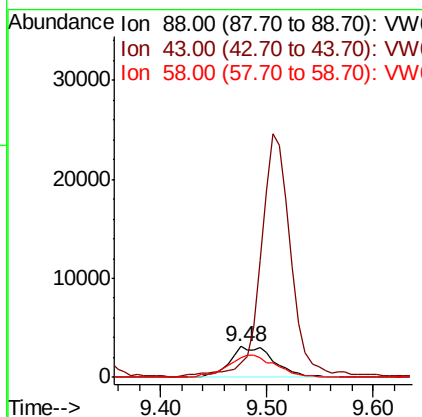
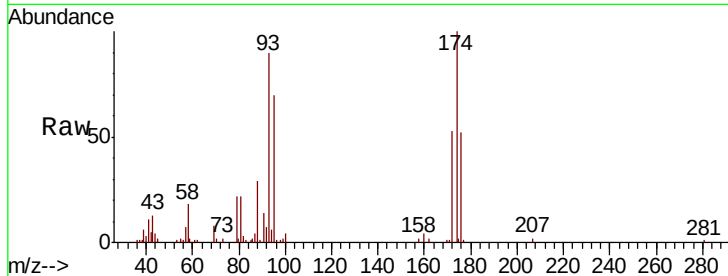
#49
1,4-Dioxane
Concen: 436.31 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

Tot Ion	88	Resp	9043
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.2	62.4	93.6

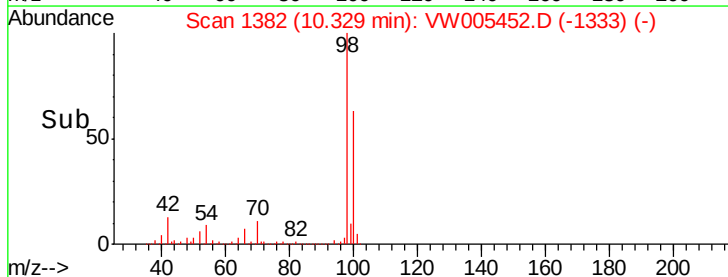
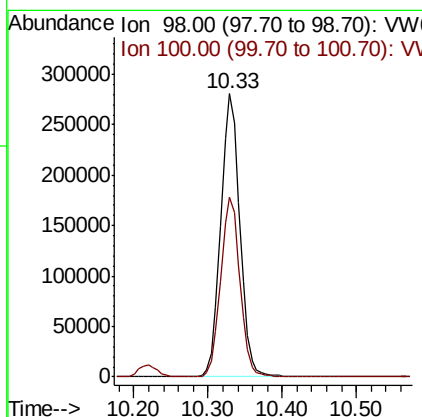
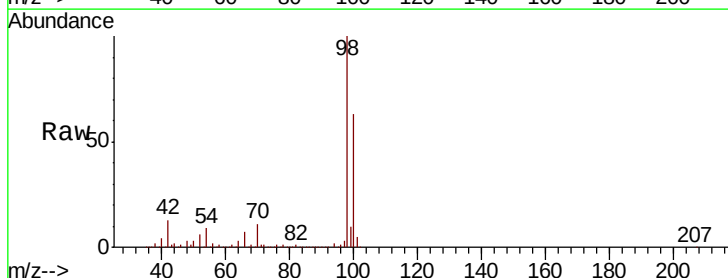
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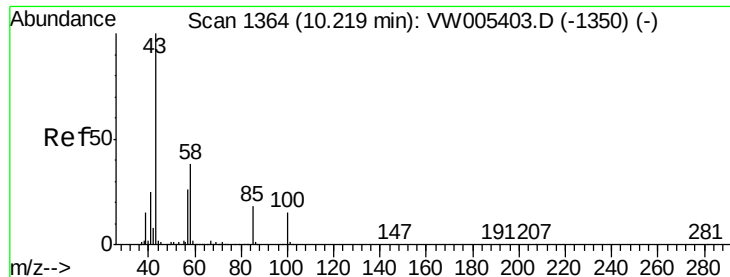
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#50
Toluene-d8
Concen: 50.50 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	98	Resp	500477
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 106.09 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 43 Resp: 158309

Ion Ratio Lower Upper

43 100

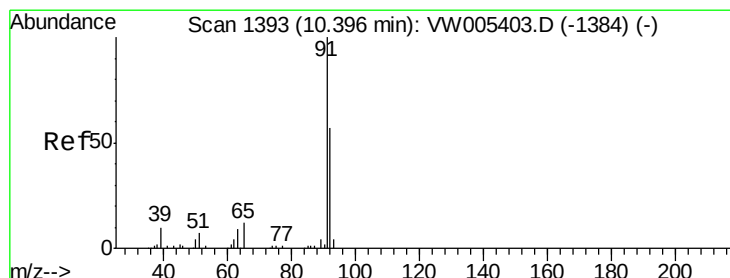
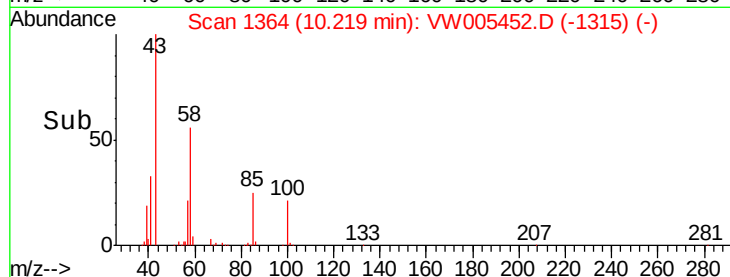
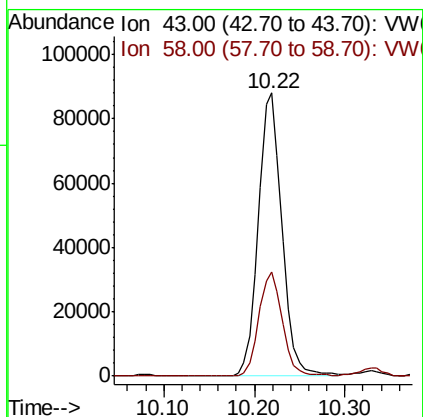
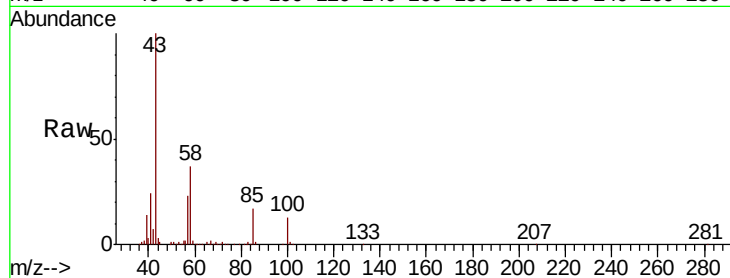
58 36.7 29.9 44.9

Manual Integrations

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#52

Toluene

Concen: 22.09 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005452.D

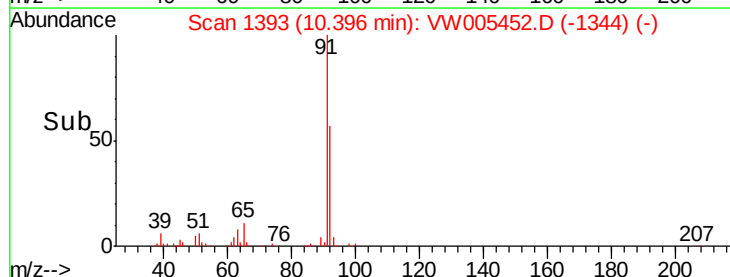
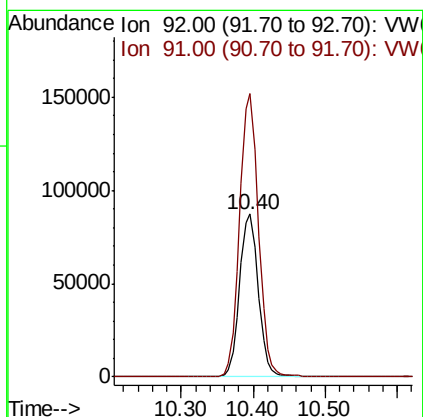
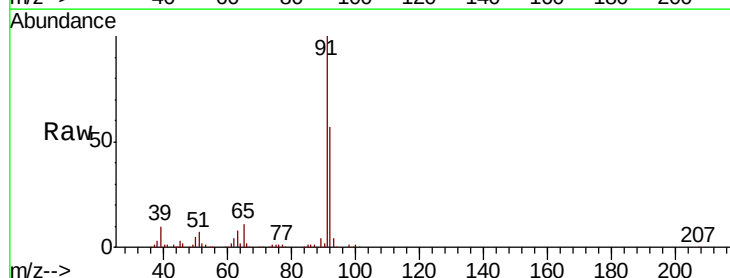
Acq: 18 Sep 2018 01:38

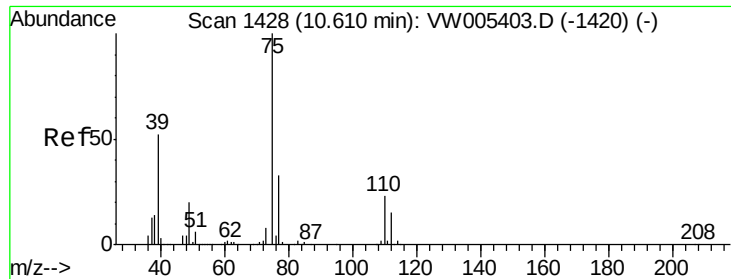
Tgt Ion: 92 Resp: 158268

Ion Ratio Lower Upper

92 100

91 174.2 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 20.52 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 75 Resp: 69201

Ion Ratio Lower Upper

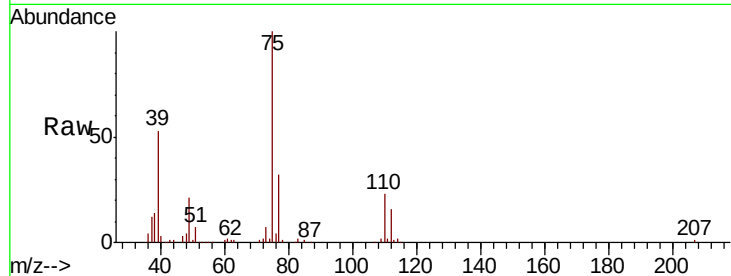
75 100

77 32.2 26.5 39.7

Manual Integrations
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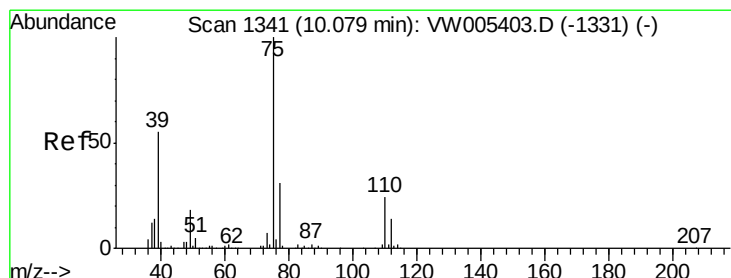
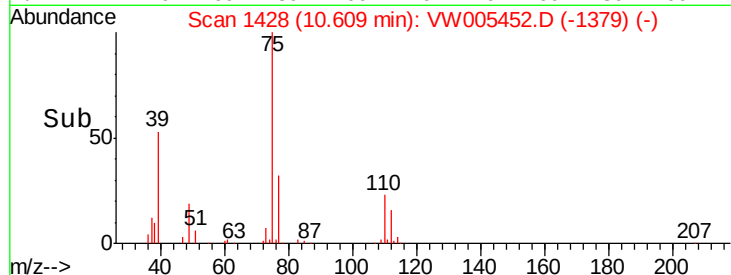
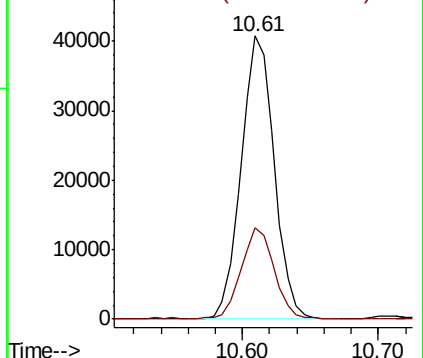
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.81 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

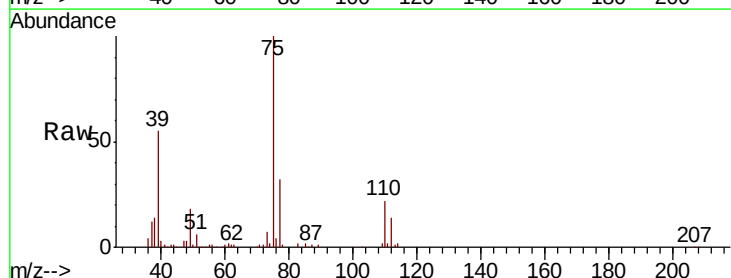
Tgt Ion: 75 Resp: 83279

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

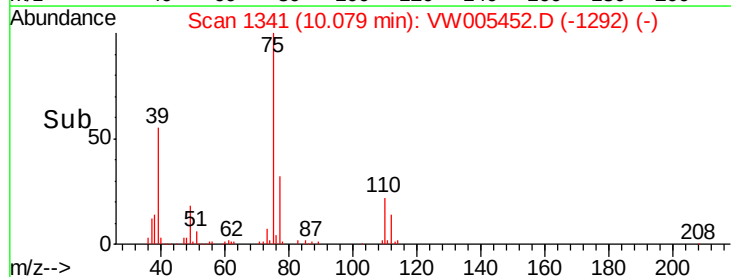
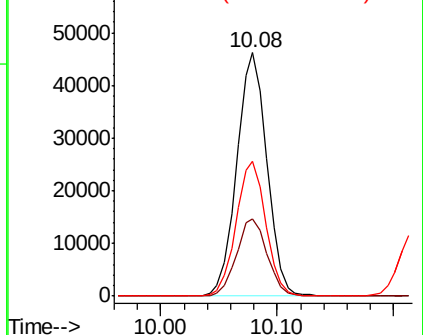
39 55.2 44.2 66.2

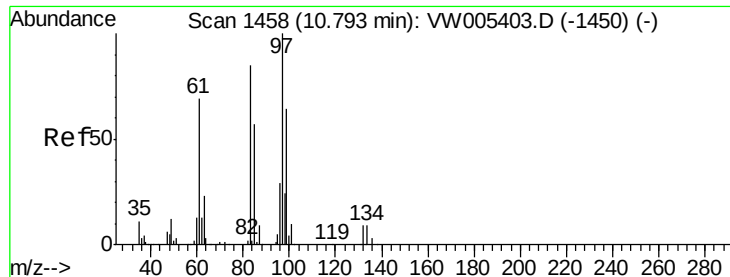


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





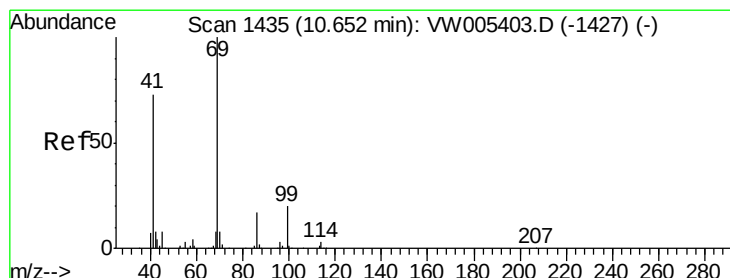
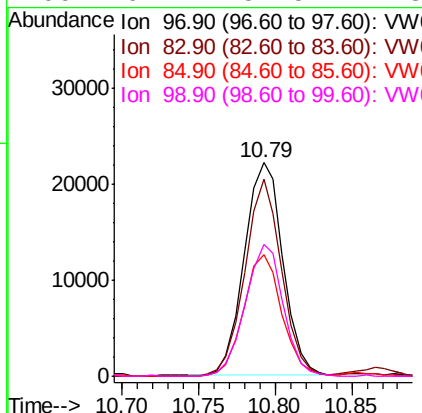
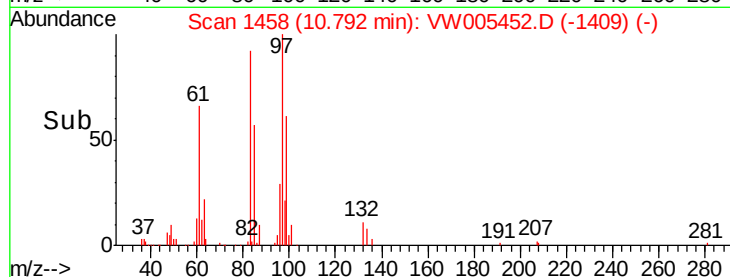
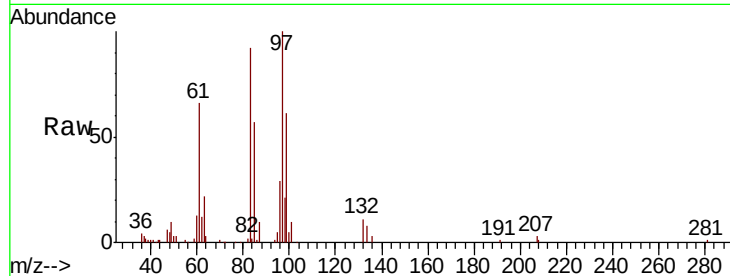
#55
 1,1,2-Trichloroethane
 Concen: 21.10 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion:	97	Resp:	38992
Ion	Ratio	Lower	Upper
97	100		
83	92.1	67.8	101.8
85	57.1	45.4	68.0
99	61.7	51.5	77.3

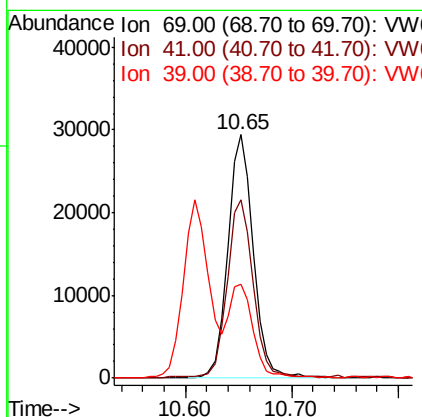
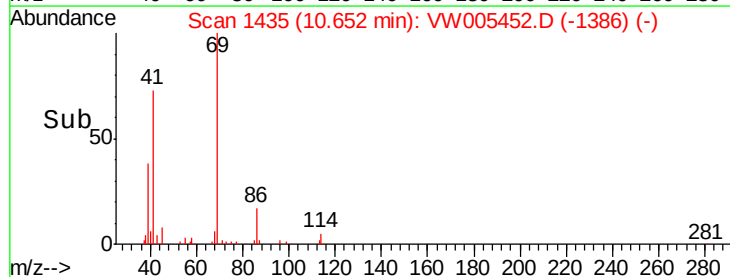
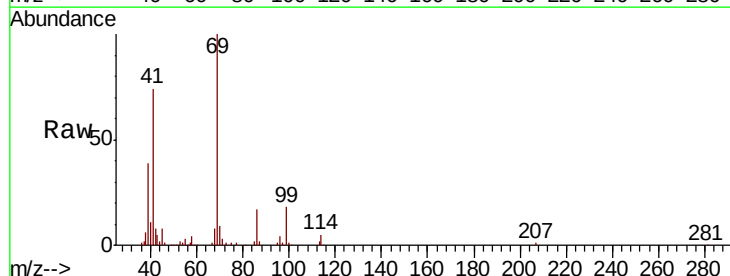
Manual Integrations
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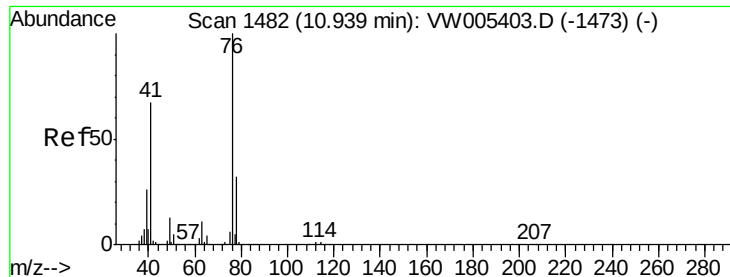
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#56
 Ethyl methacrylate
 Concen: 21.03 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion:	69	Resp:	49200
Ion	Ratio	Lower	Upper
69	100		
41	73.7	59.3	88.9
39	36.8	30.2	45.4





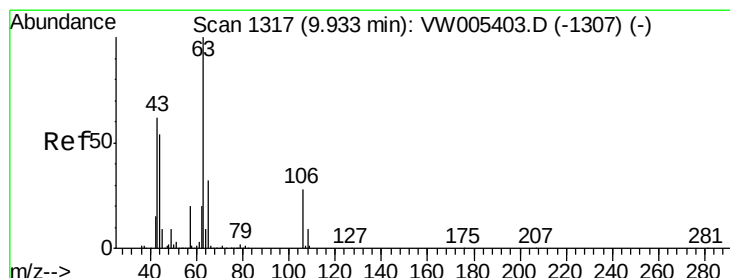
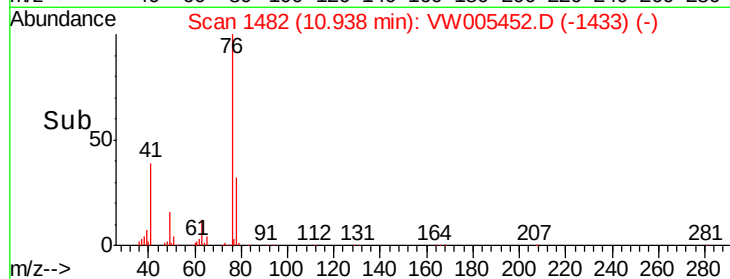
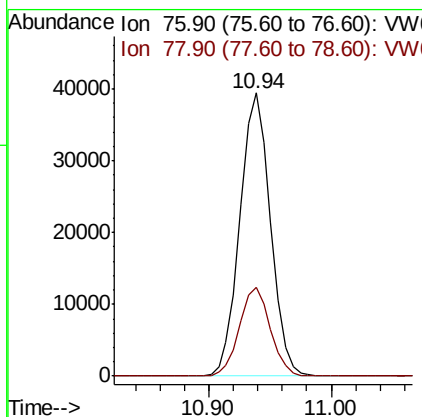
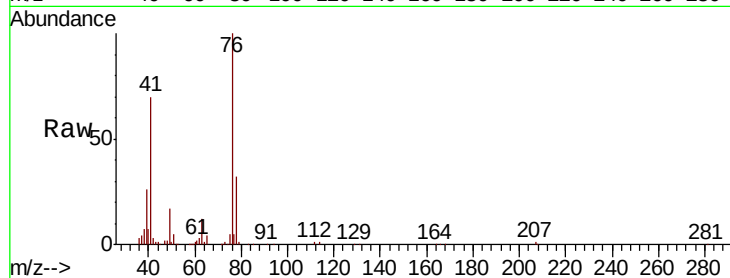
#57
 1,3-Dichloropropane
 Concen: 21.40 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.6	38.4

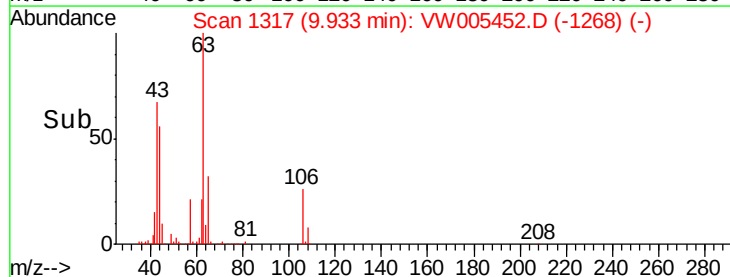
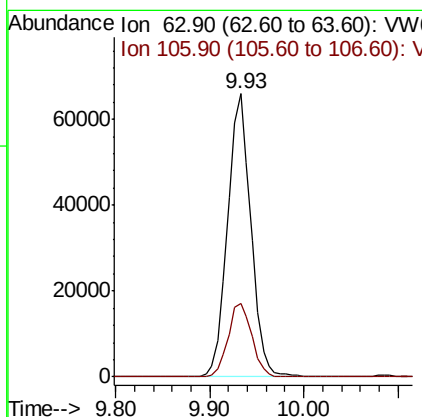
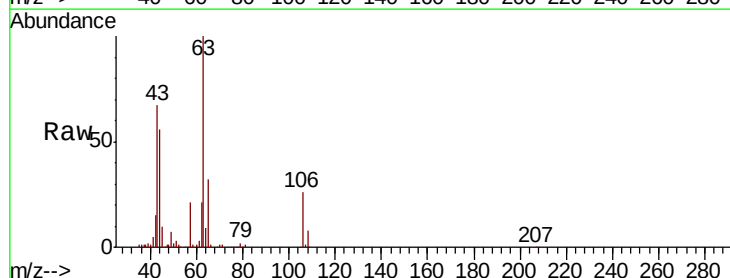
Manual Integrations
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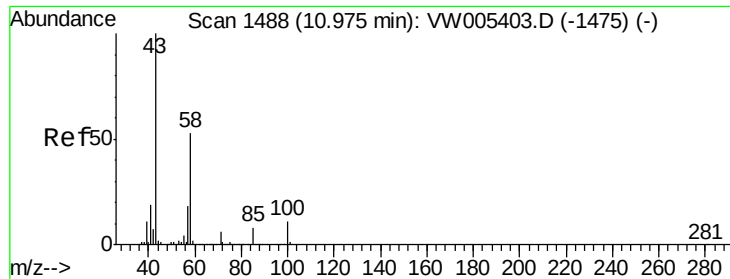
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.98 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	22.0	33.0





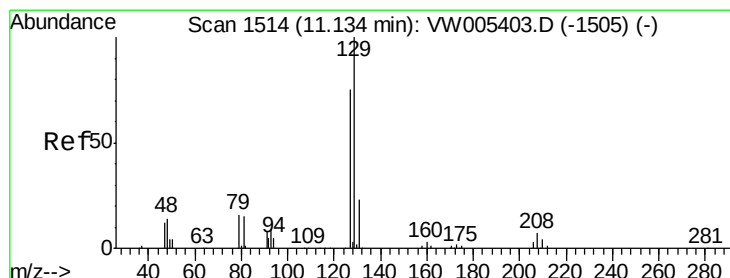
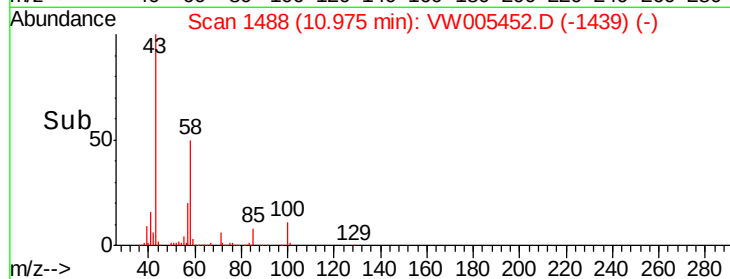
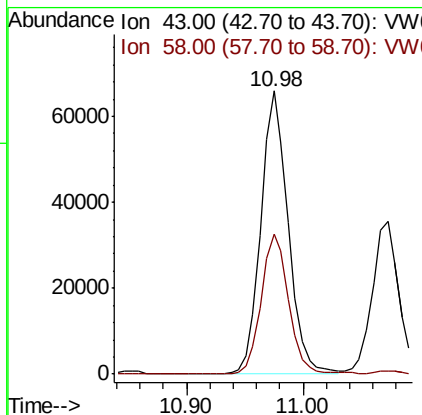
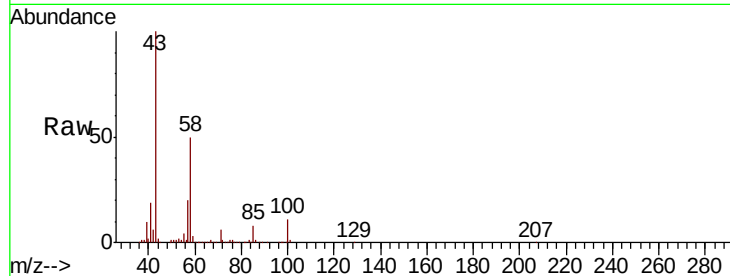
#59
2-Hexanone
Concen: 105.92 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

Tot Ion	43	Resp	107662
Ion Ratio	43	100	
Lower	58	50.0	25.5
Upper			76.5

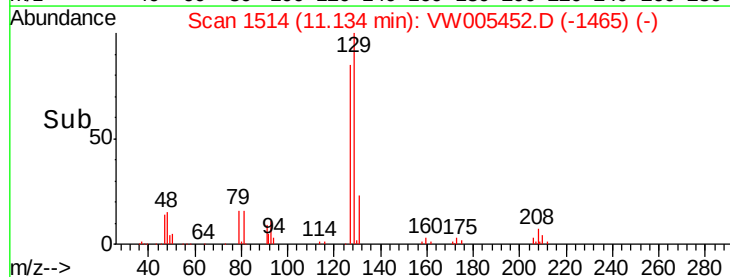
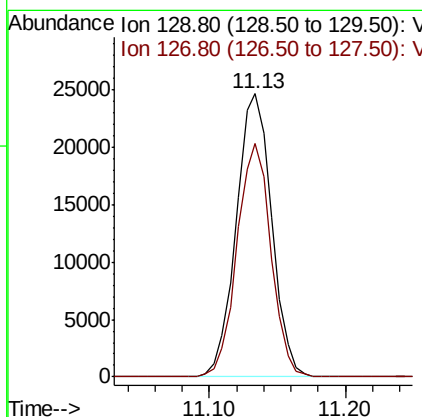
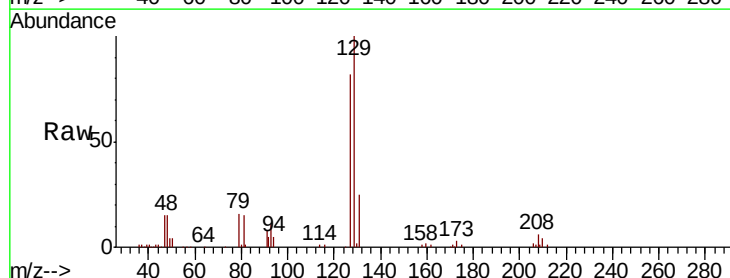
Manual Integrations
APPROVED

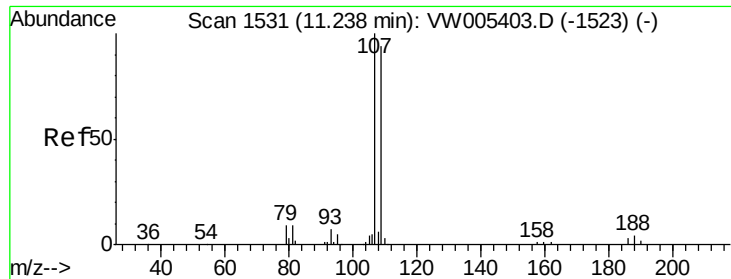
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#60
Dibromochloromethane
Concen: 20.16 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	129	Resp	44824
Ion Ratio	129	100	
Lower	127	79.0	38.5
Upper			115.3





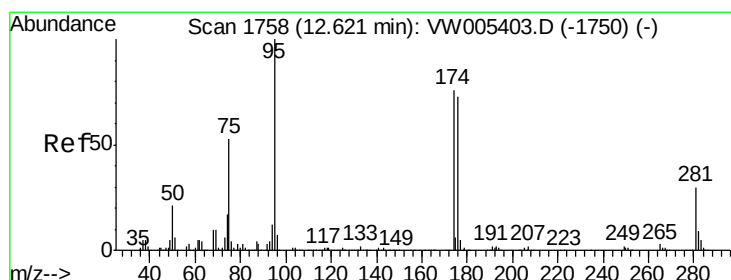
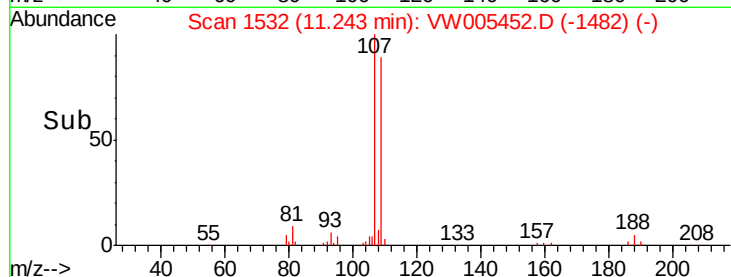
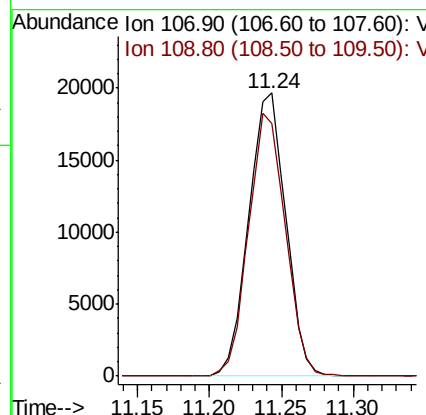
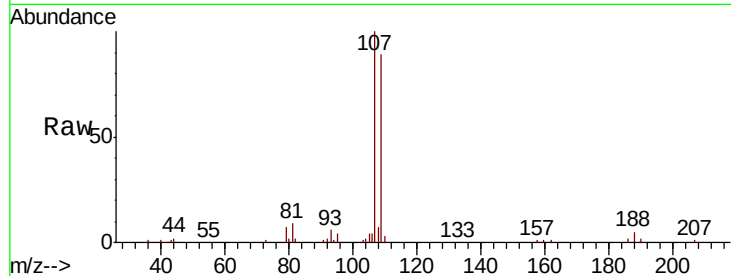
#61
 1,2-Dibromoethane
 Concen: 21.04 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.0	112.6

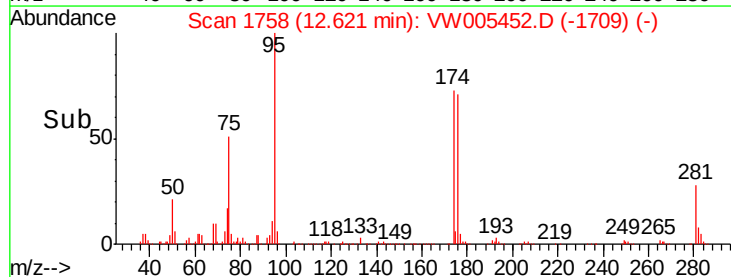
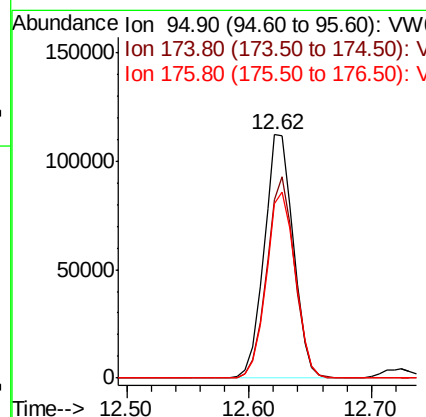
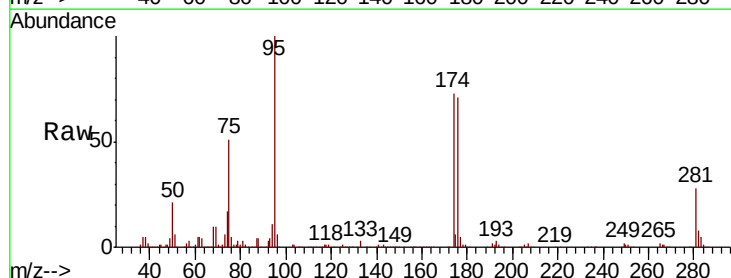
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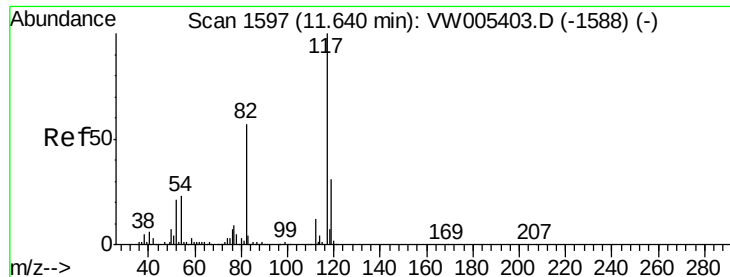
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.18 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	161.2
176	76.2	0.0	156.6





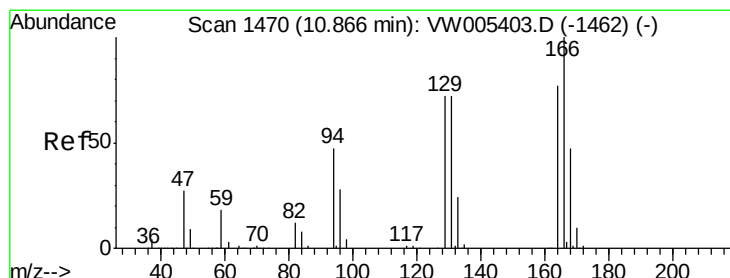
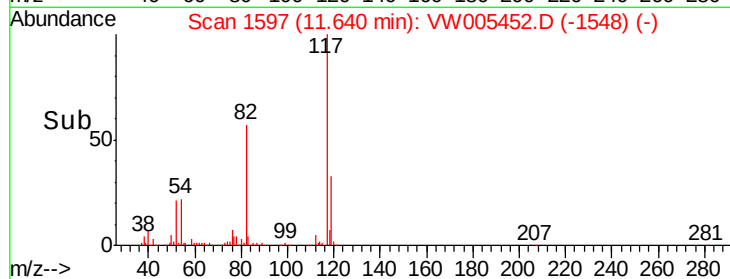
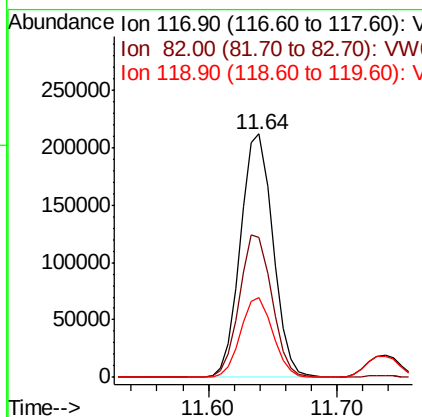
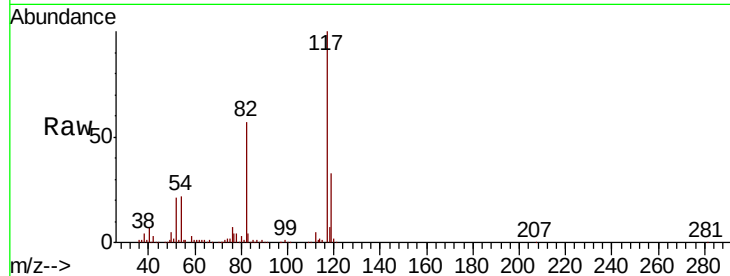
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.9	68.9
119	32.7	24.8	37.2

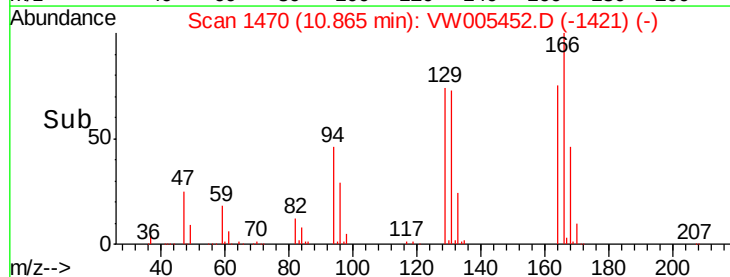
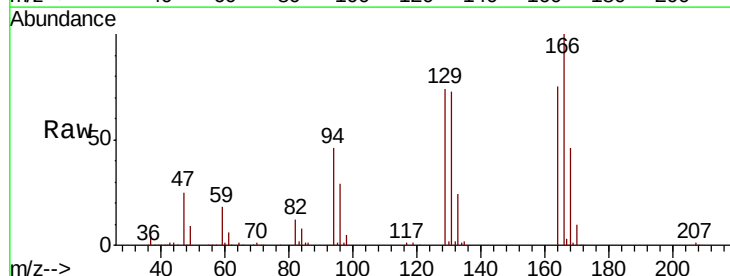
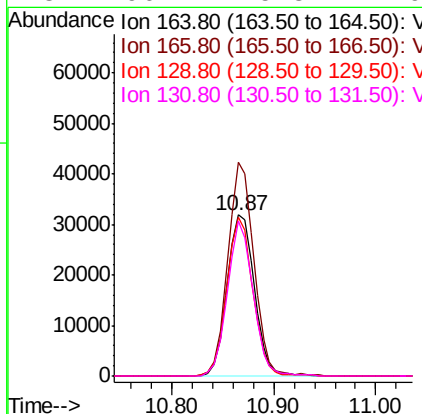
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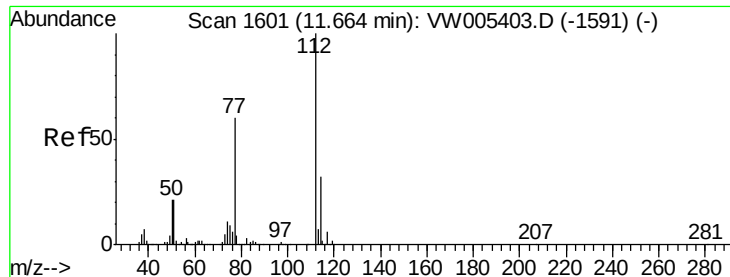
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#64
Tetrachloroethene
Concen: 21.59 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.8	104.0	156.0
129	98.4	74.9	112.3
131	96.7	75.3	112.9





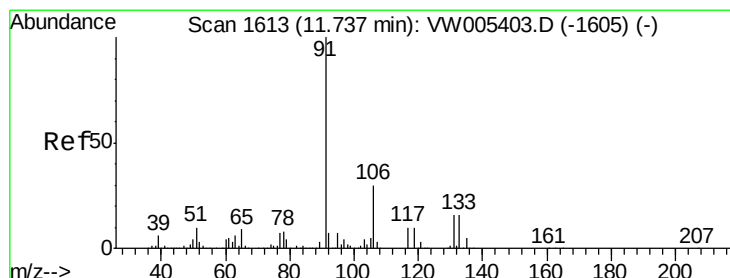
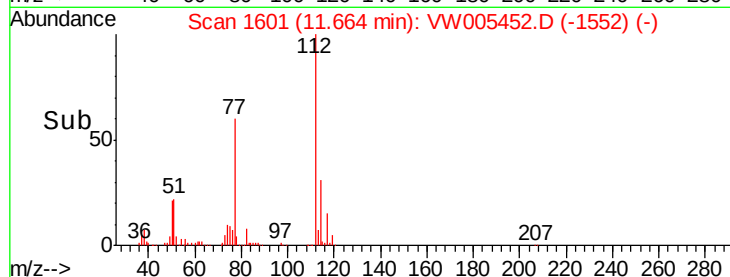
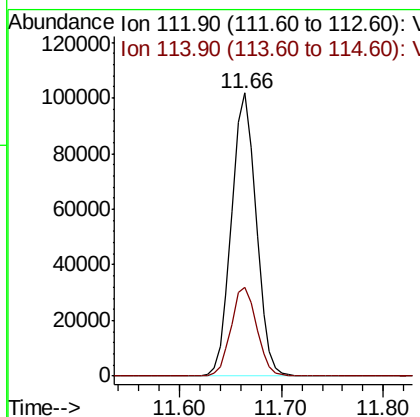
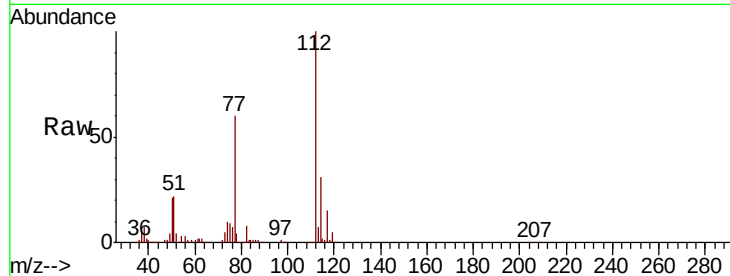
#65
Chlorobenzene
Concen: 21.67 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion:112 Resp: 170313
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9

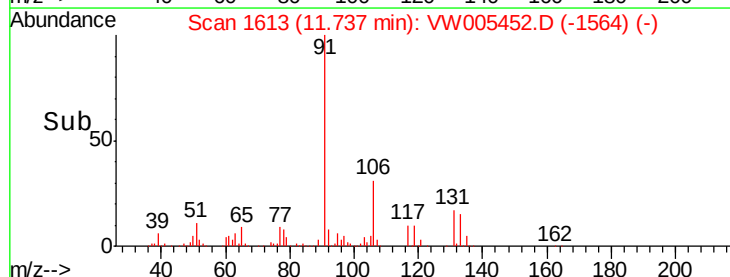
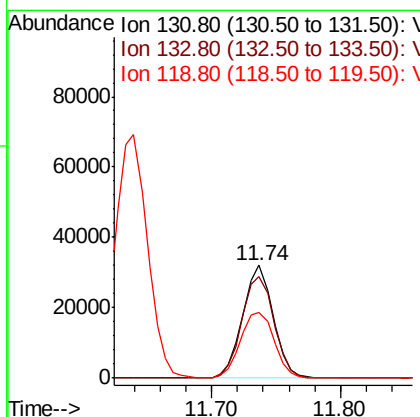
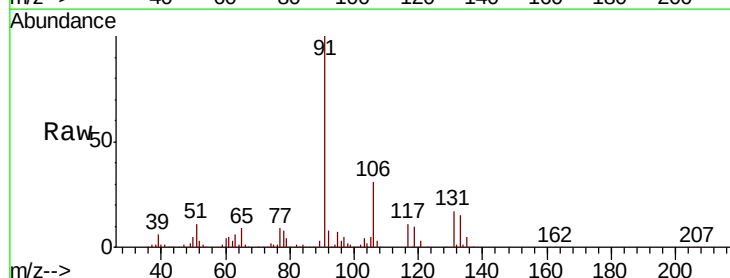
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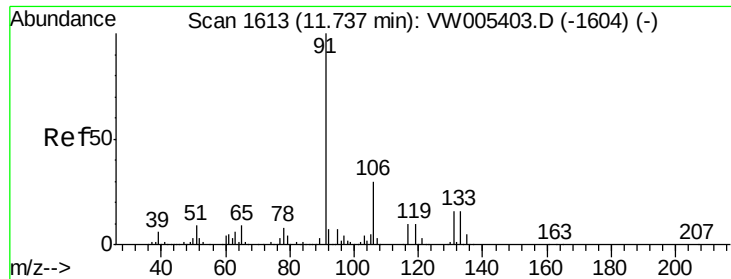
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.84 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion:131 Resp: 52349
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.9
119 64.9 31.1 93.5





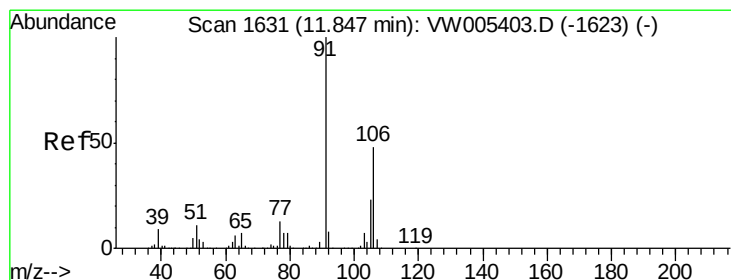
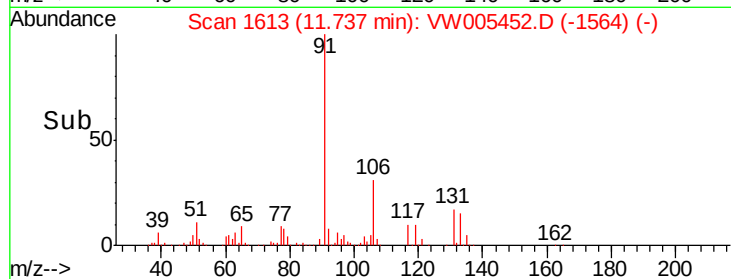
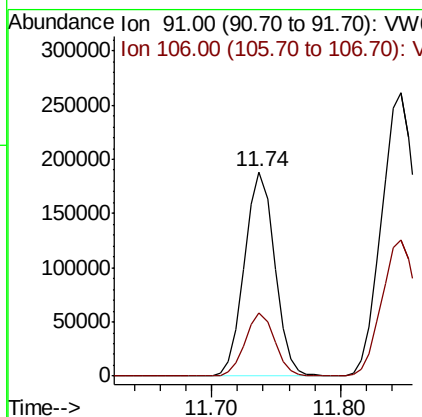
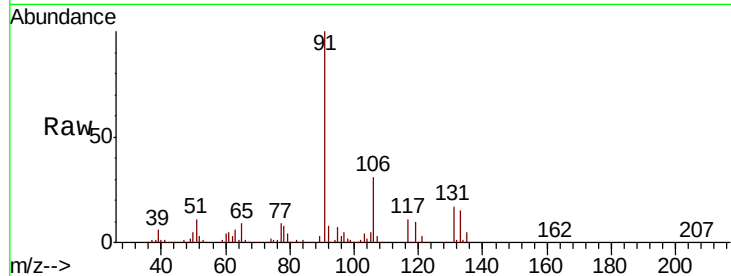
#67
Ethyl Benzene
Concen: 22.14 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.2	36.4

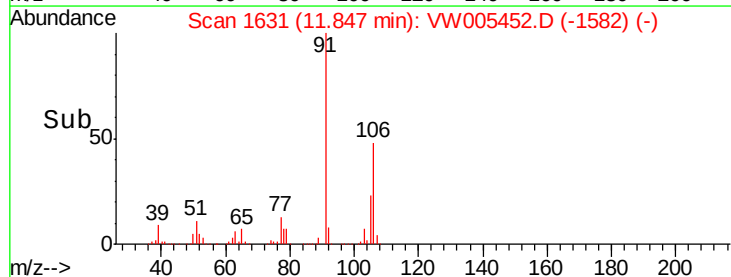
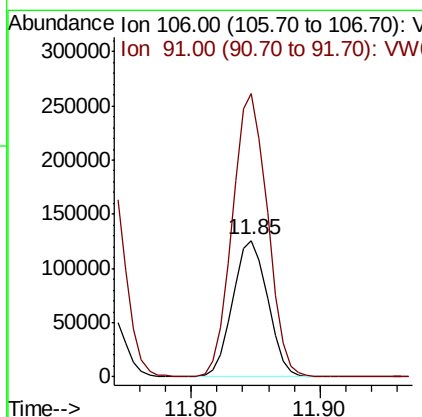
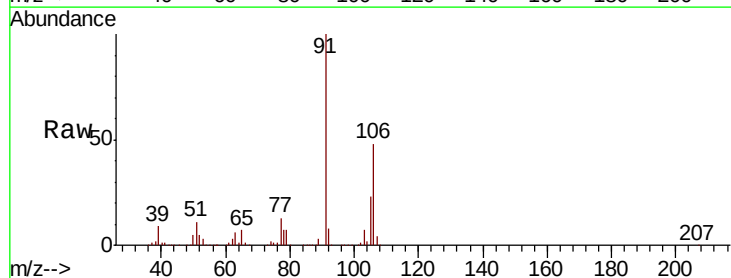
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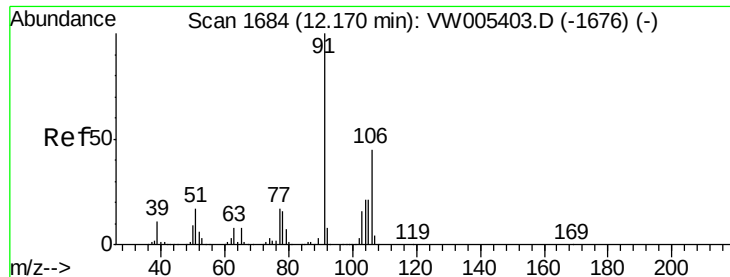
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#68
m/p-Xylenes
Concen: 44.80 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.3	167.9	251.9





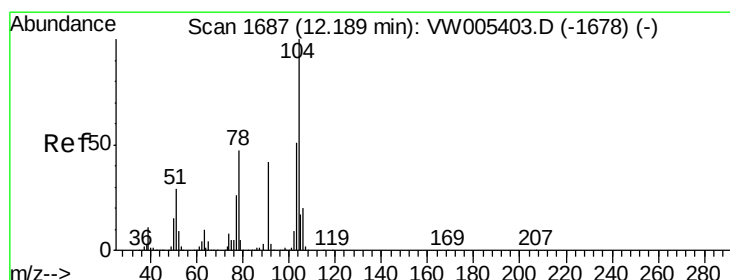
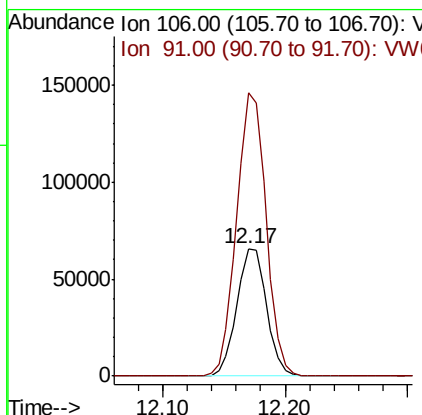
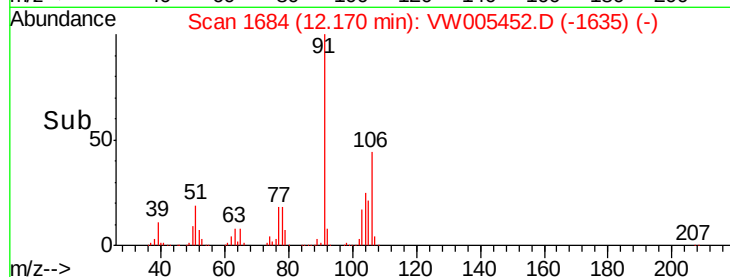
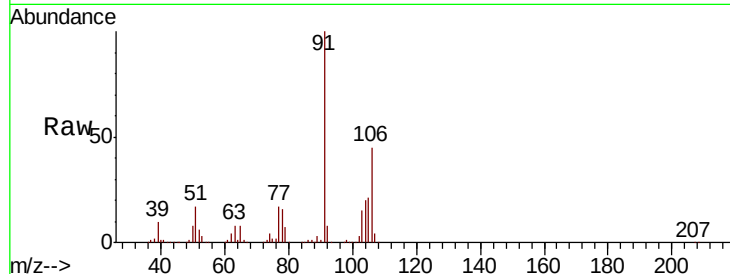
#69
o-Xylene
Concen: 22.26 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.3	110.6	331.6

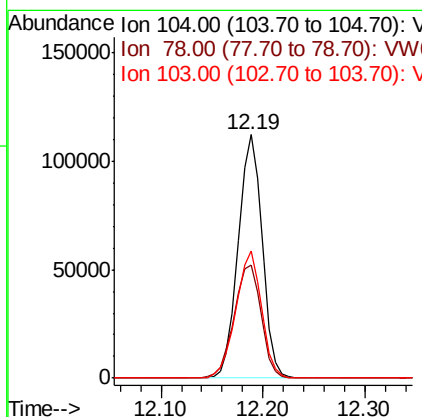
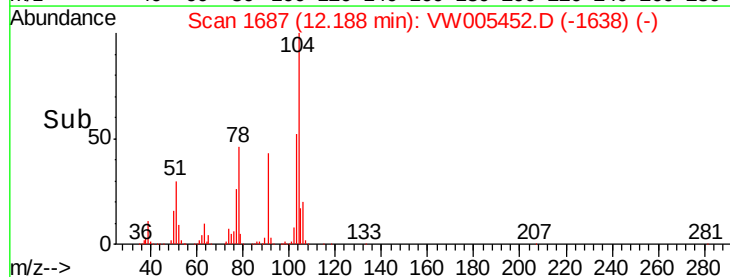
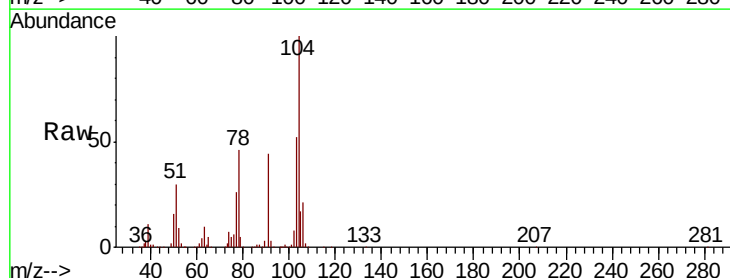
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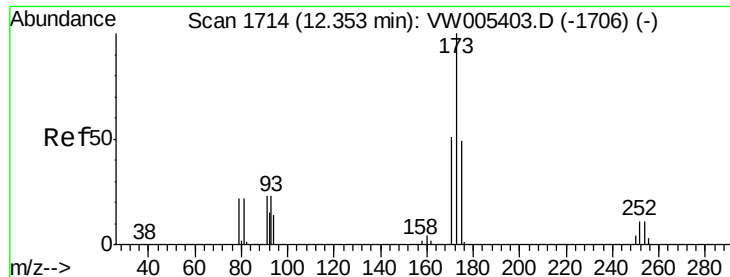
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#70
Styrene
Concen: 22.33 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	42.4	63.6
103	55.5	44.8	67.2





#71

Bromoform

Concen: 19.45 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

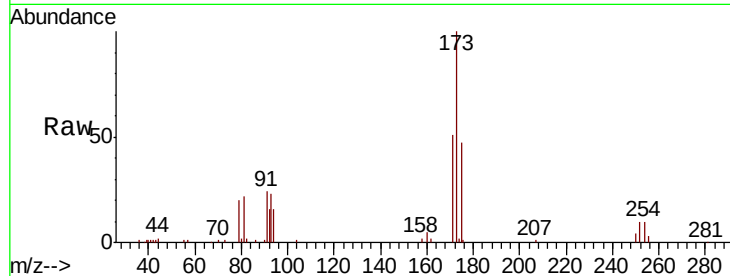
ClientSampleId :

VW0917SBSD02

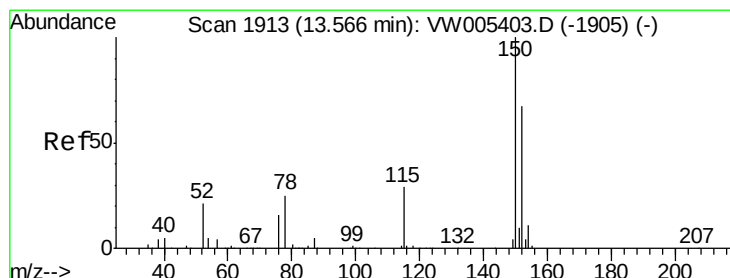
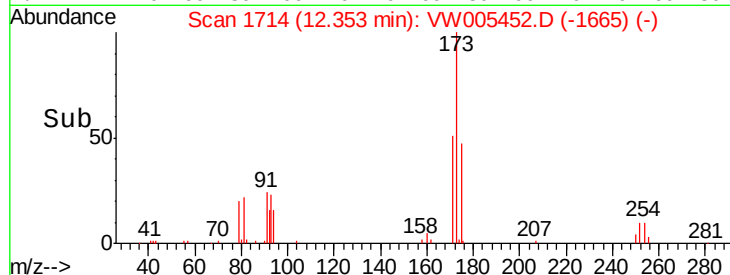
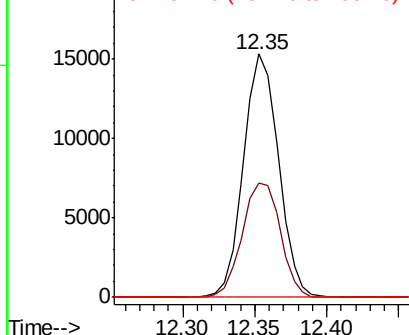
Tot Ion:	173	Resp:	25849
Ion Ratio	Lower	Upper	
173	100		
175	50.9	24.2	72.6
254	0.0	0.0	0.0

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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

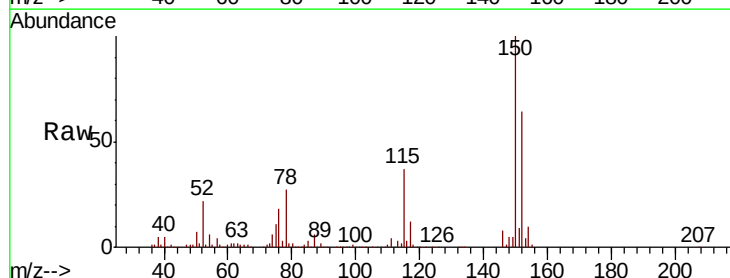
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

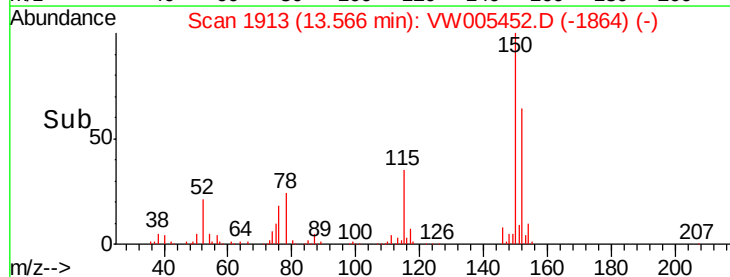
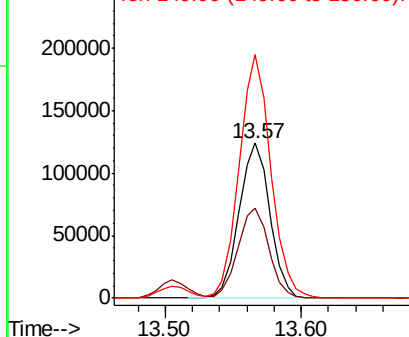
Lab File: VW005452.D

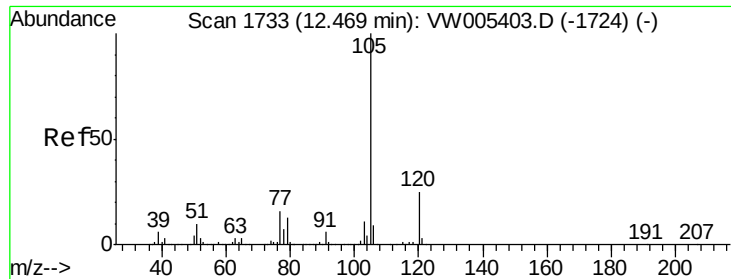
Acq: 18 Sep 2018 01:38

Tgt Ion:	152	Resp:	195535
Ion Ratio	Lower	Upper	
152	100		
115	58.4	29.5	88.5
150	161.2	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: 21.97 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion: 105 Resp: 301341

Ion Ratio Lower Upper

105 100

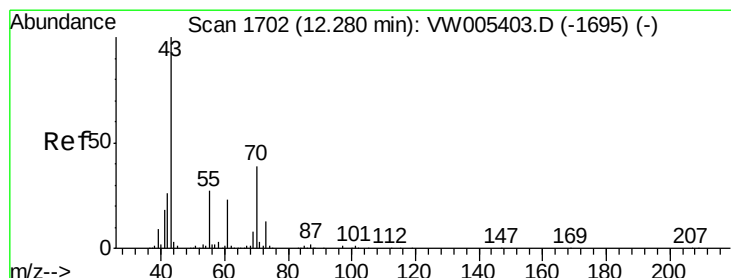
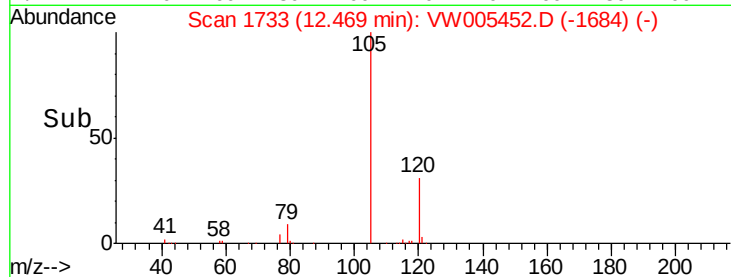
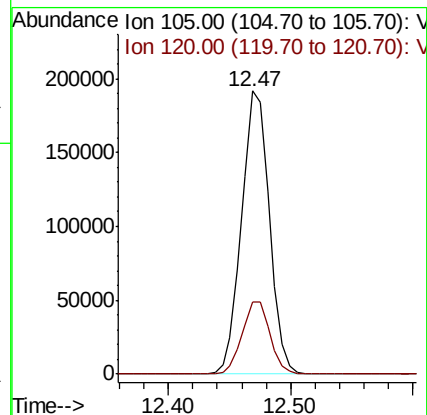
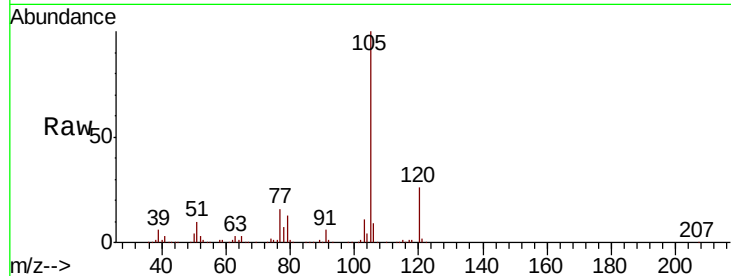
120 25.8 12.9 38.6

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#74

N-ethyl acetate

Concen: 21.42 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Tgt Ion: 43 Resp: 61934

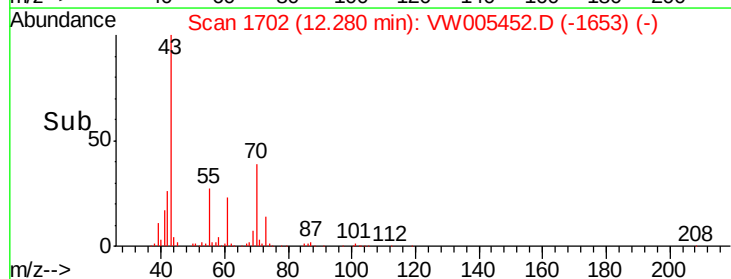
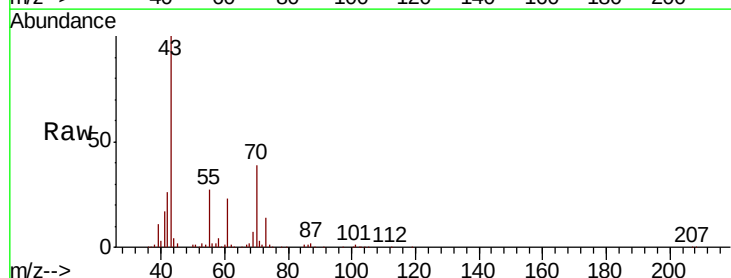
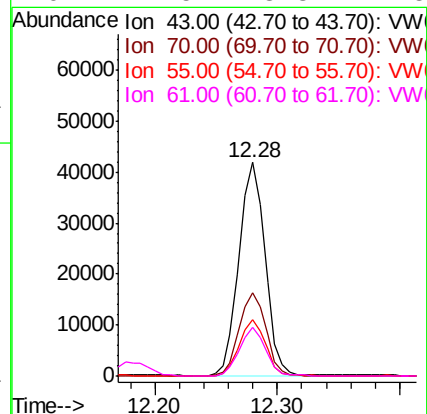
Ion Ratio Lower Upper

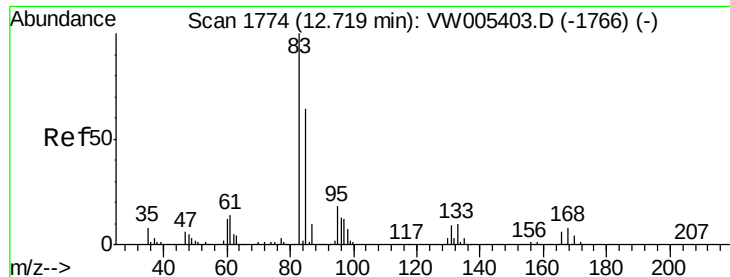
43 100

70 39.5 31.9 47.9

55 26.2 21.4 32.0

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.23 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

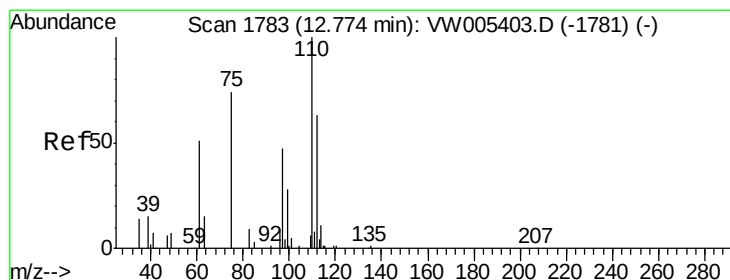
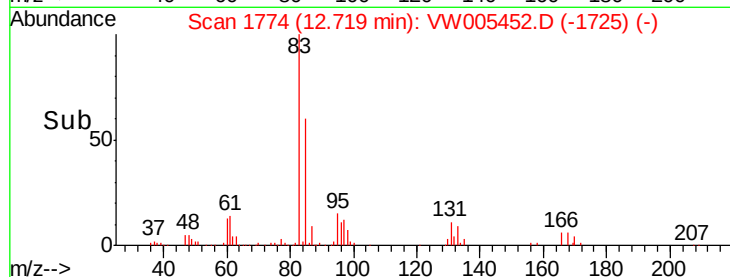
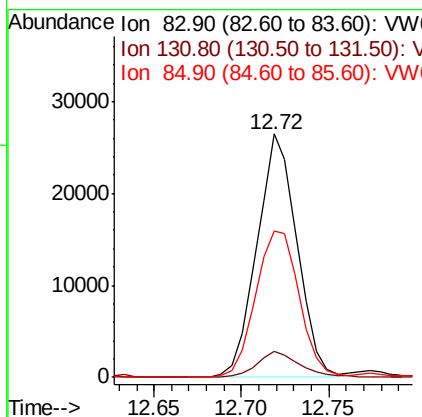
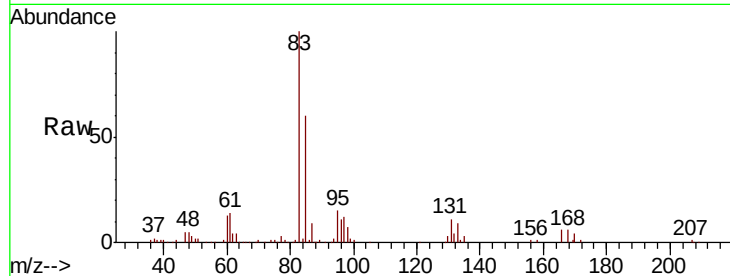
ClientSampleId :

VW0917SBSD02

Tot Ion:	83	Resp:	42487
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	65.3	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 19.63 ug/l m

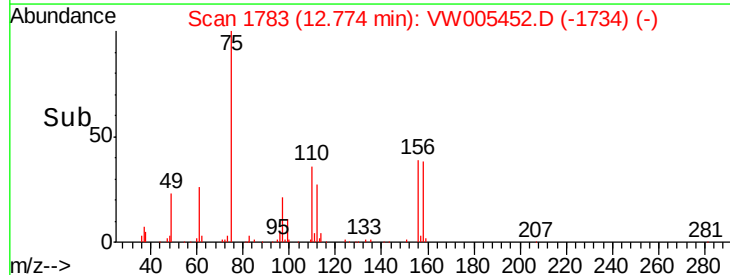
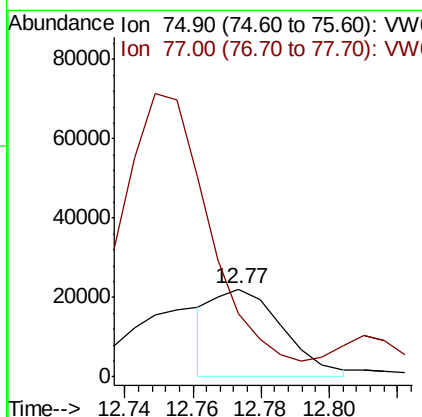
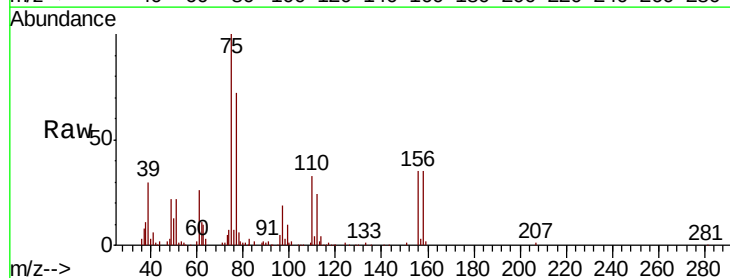
RT: 12.77 min Scan# 1783

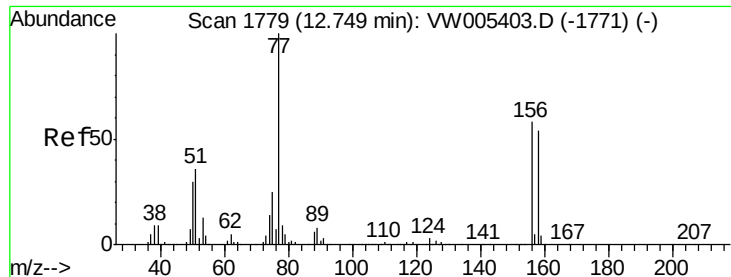
Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Tgt Ion:	75	Resp:	31564
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.05 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS02

Tot Ion:156 Resp: 68273

Ion Ratio Lower Upper

156 100

77 193.4 92.8 278.3

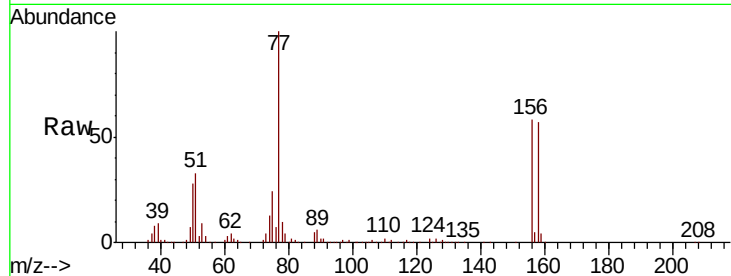
158 98.7 48.2 144.6

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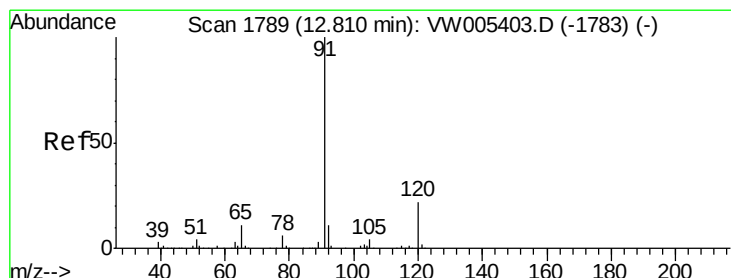
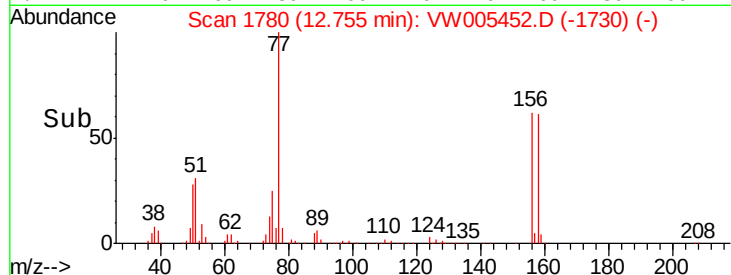
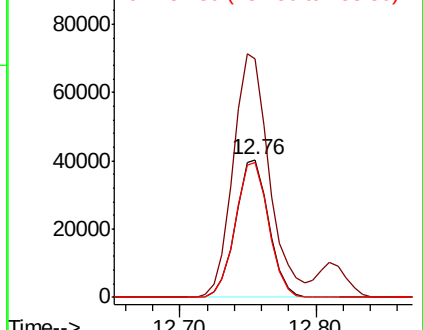
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.41 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005452.D

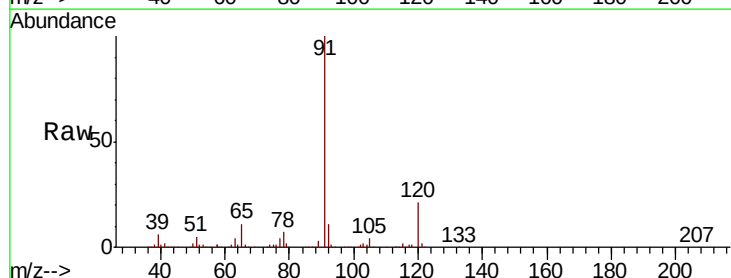
Acq: 18 Sep 2018 01:38

Tgt Ion: 91 Resp: 371050

Ion Ratio Lower Upper

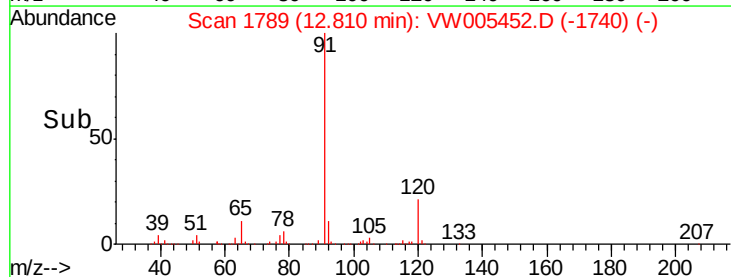
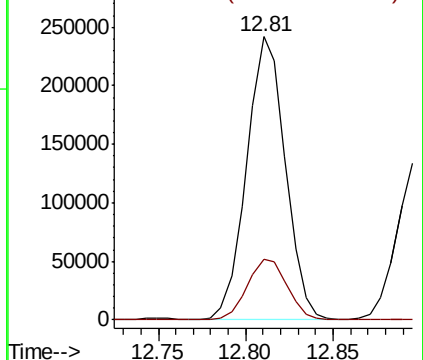
91 100

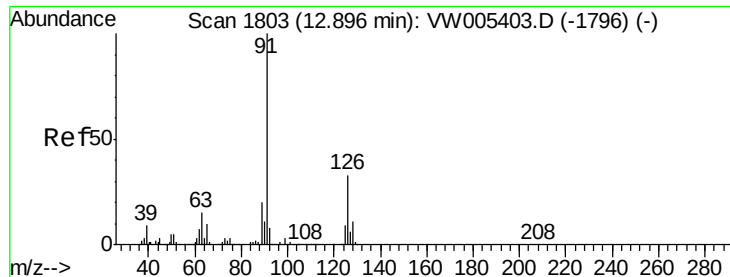
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.27 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005452.D

Acq: 18 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD02

Tot Ion: 91 Resp: 217482

Ion Ratio Lower Upper

91 100

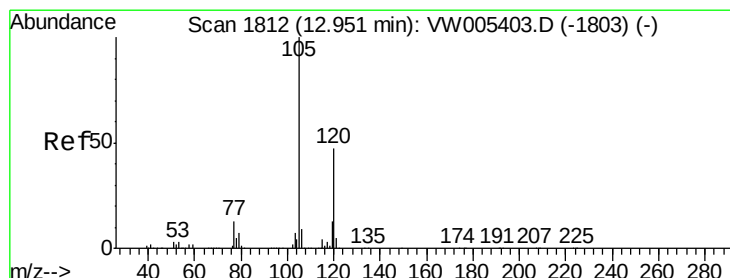
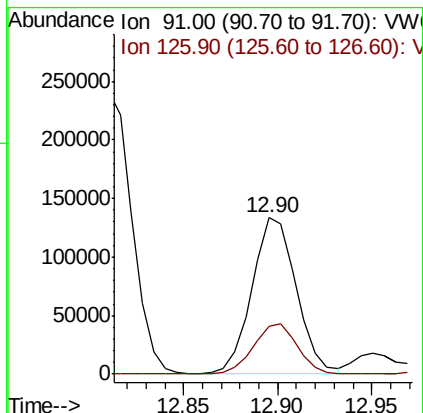
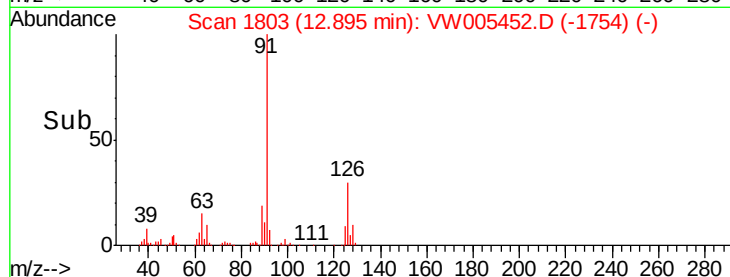
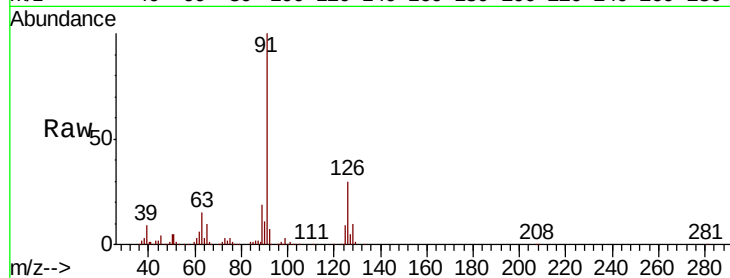
126 32.2 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 21.85 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005452.D

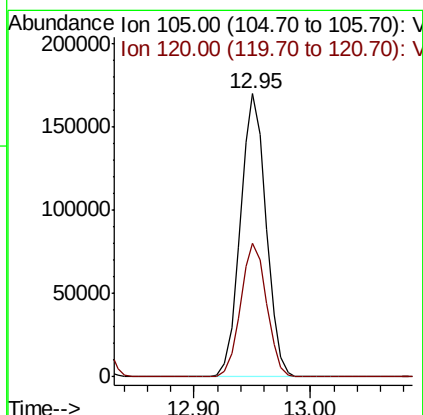
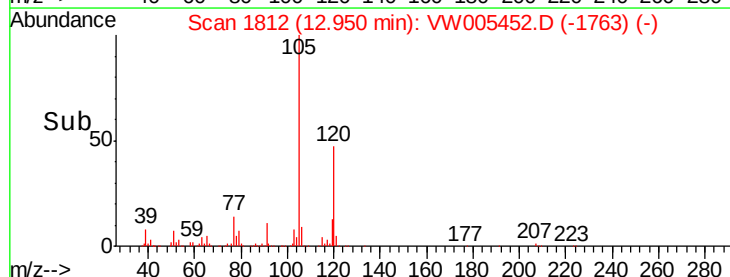
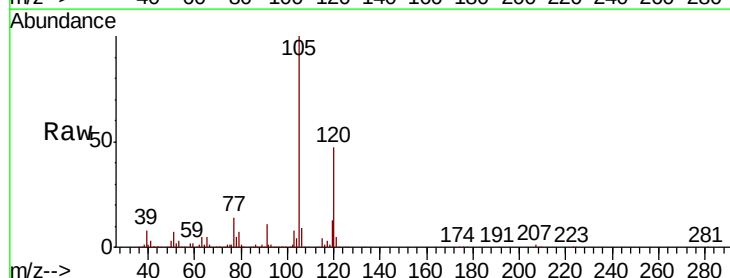
Acq: 18 Sep 2018 01:38

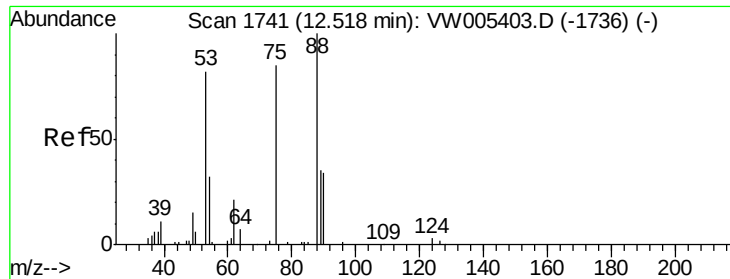
Tgt Ion:105 Resp: 261501

Ion Ratio Lower Upper

105 100

120 47.9 23.5 70.5





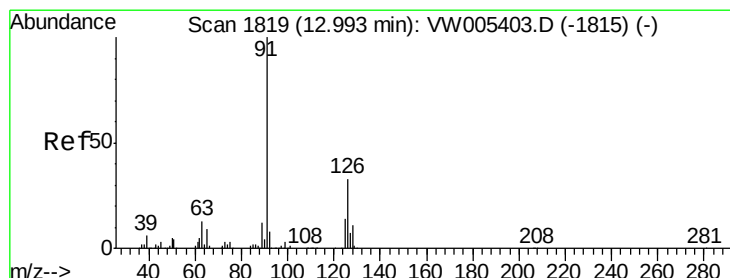
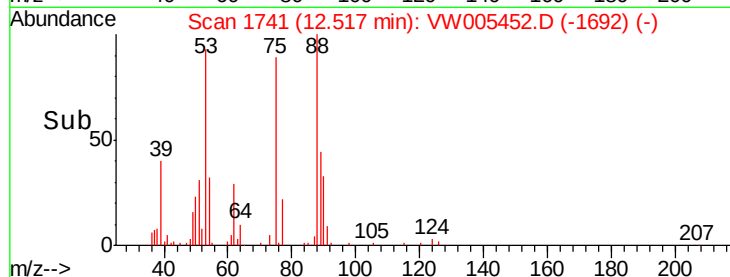
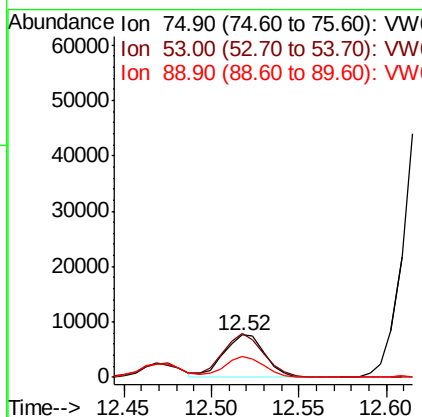
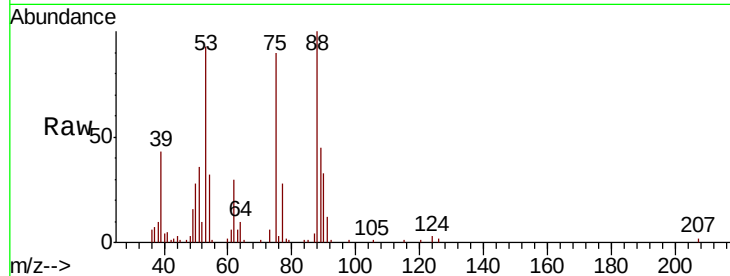
#81
trans-1,4-Dichloro-2-butene
Concen: 20.32 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.6	83.2	124.8
89	45.7	36.6	54.8

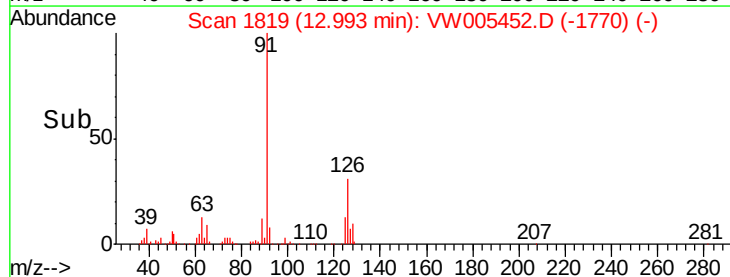
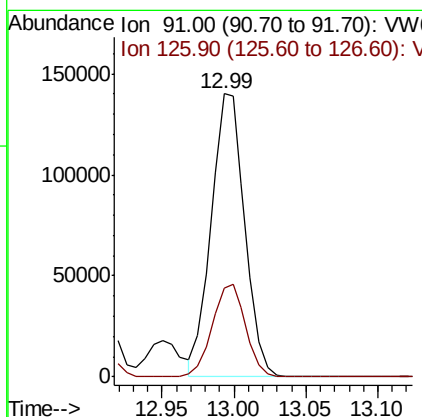
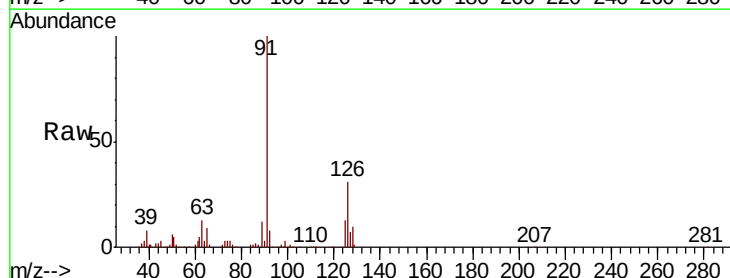
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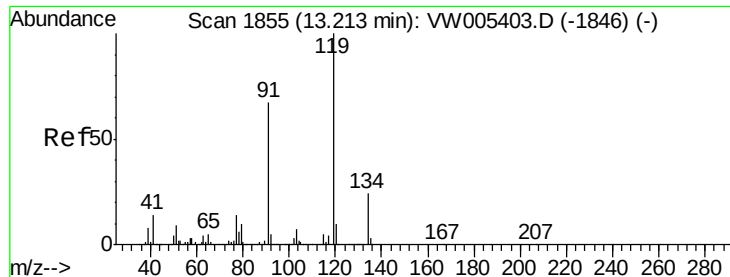
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#82
4-Chlorotoluene
Concen: 21.99 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.1





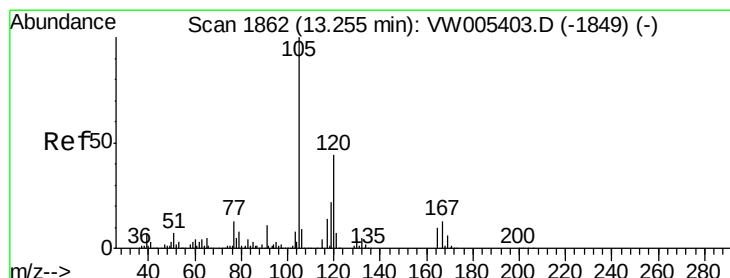
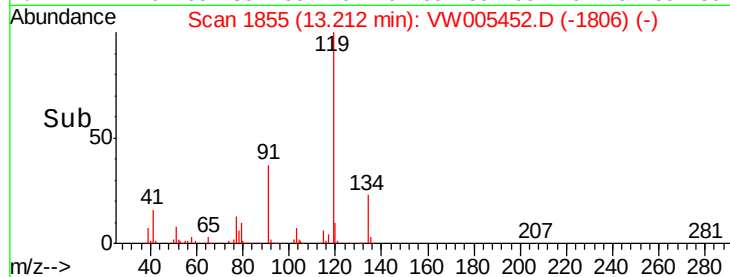
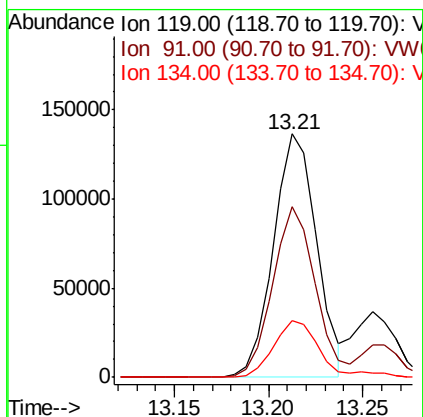
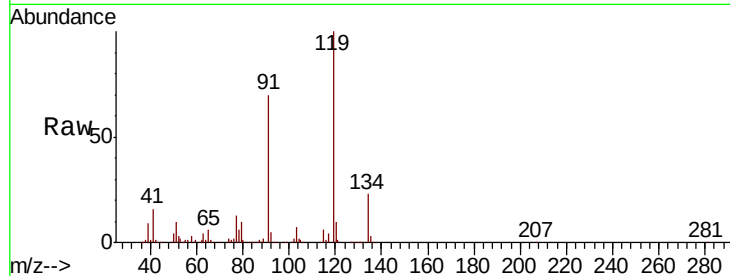
#83
 tert-Butylbenzene
 Concen: 21.82 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.5	34.4	103.2
134	25.2	12.7	38.0

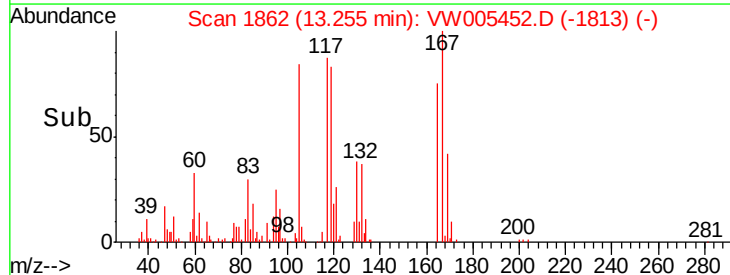
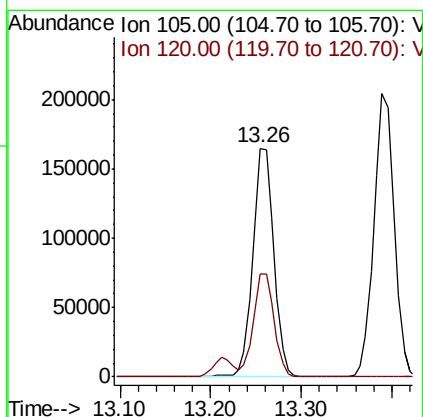
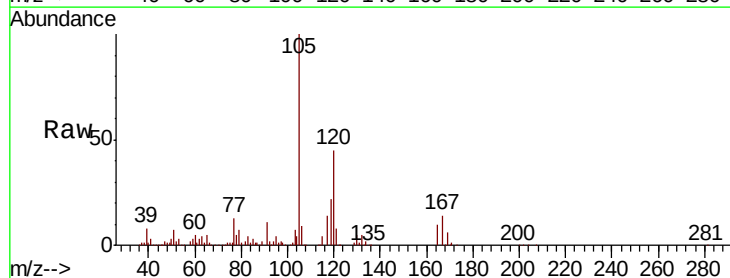
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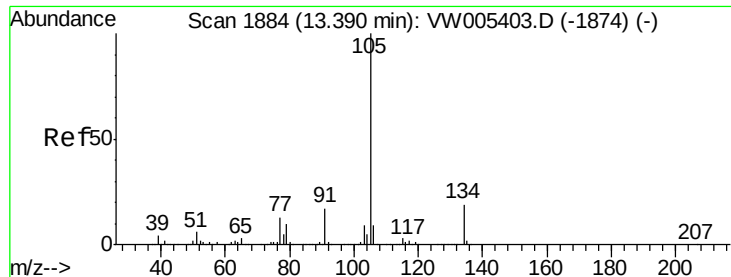
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.78 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.8	65.3





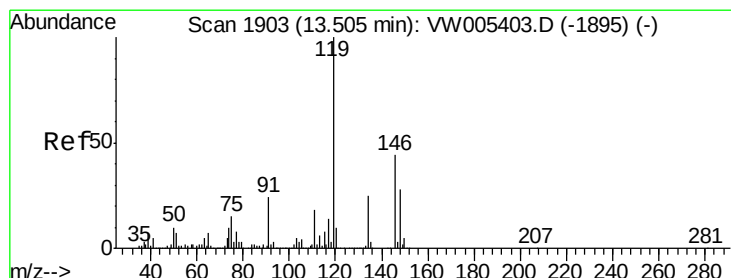
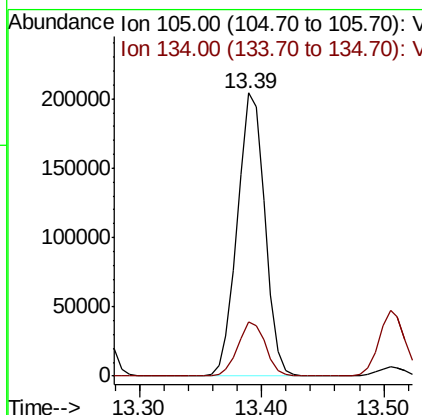
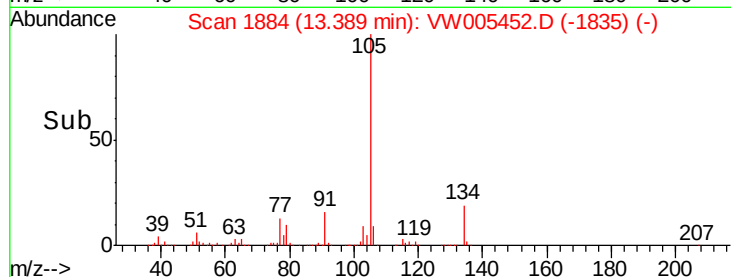
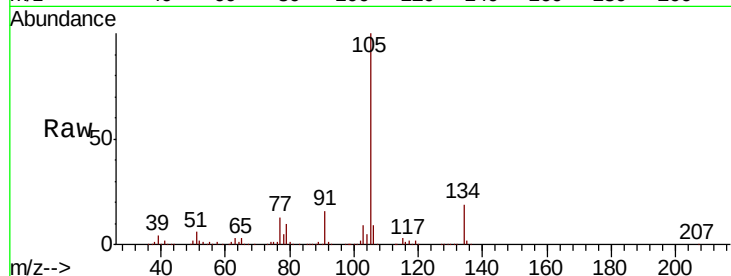
#85
 sec-Butylbenzene
 Concen: 22.10 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

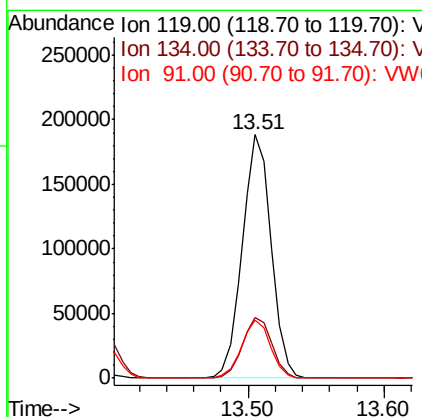
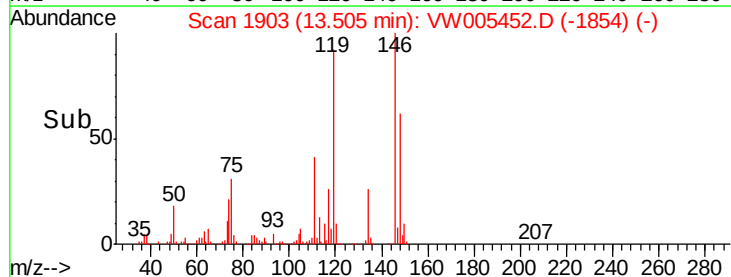
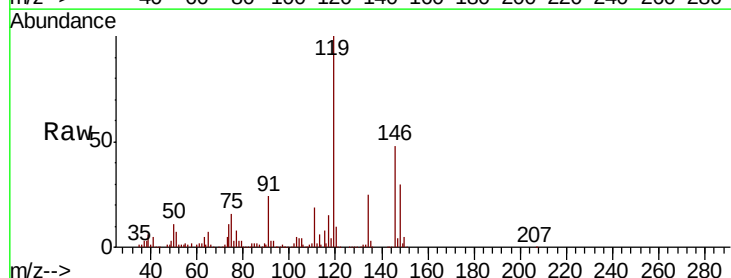
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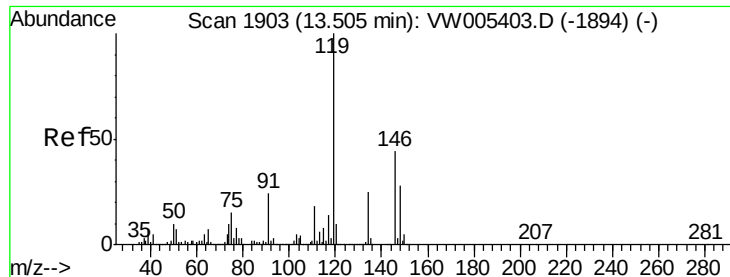
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#86
 p-Isopropyltoluene
 Concen: 21.69 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.6	37.8
91	24.1	12.0	36.0





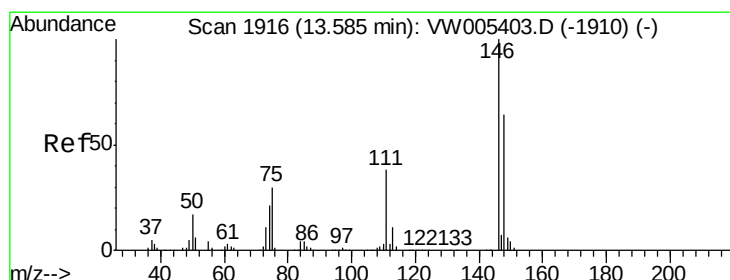
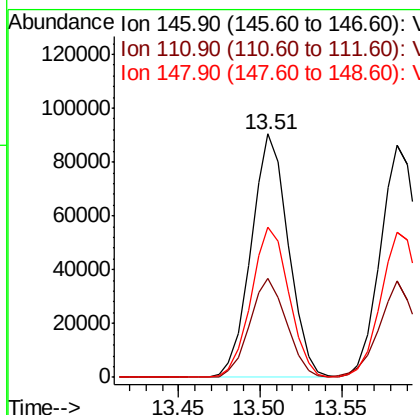
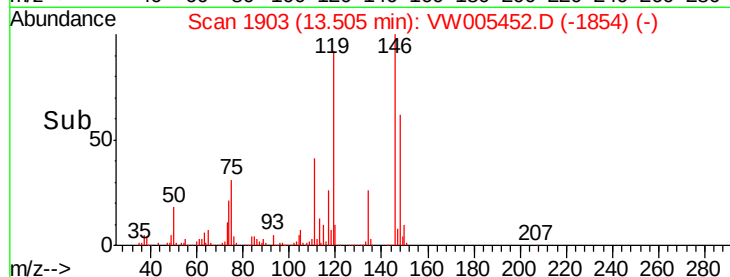
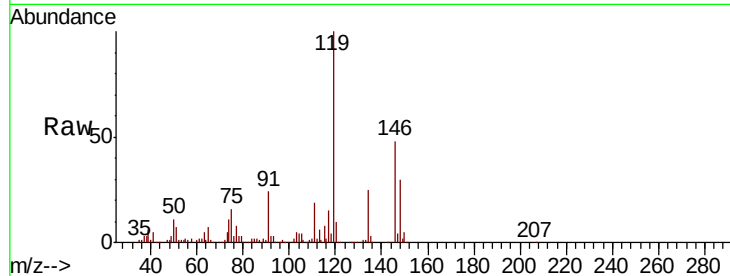
#87
 1,3-Dichlorobenzene
 Concen: 21.77 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	143177		
111	40.4	20.4	61.2	
148	62.7	32.0	96.0	

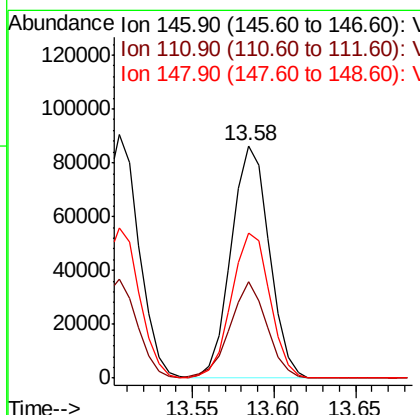
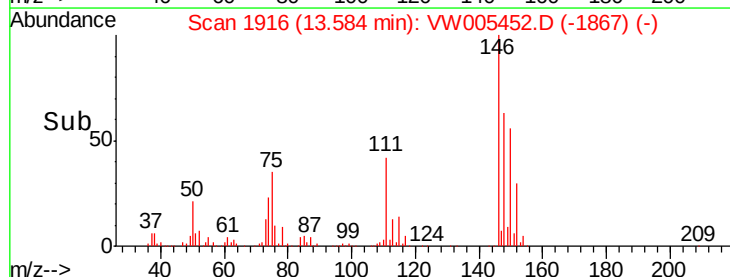
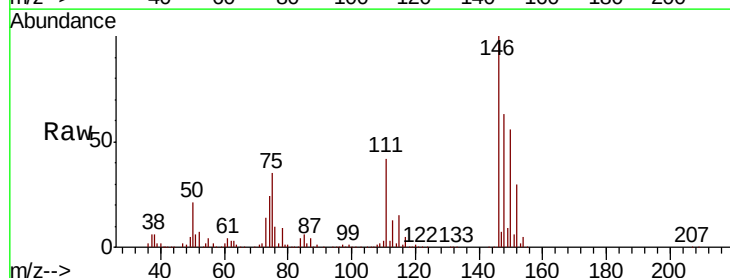
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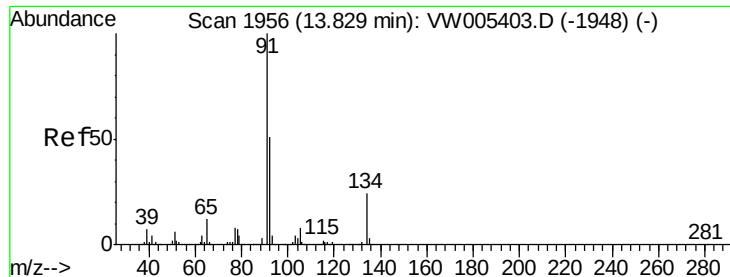
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#88
 1,4-Dichlorobenzene
 Concen: 21.63 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	140111		
111	40.3	19.6	58.8	
148	63.5	31.8	95.4	





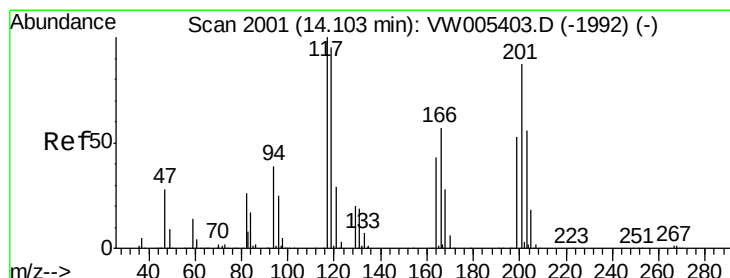
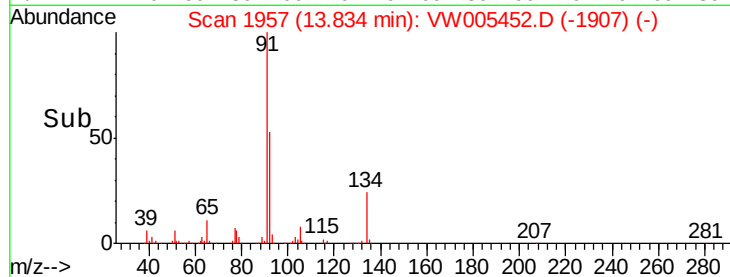
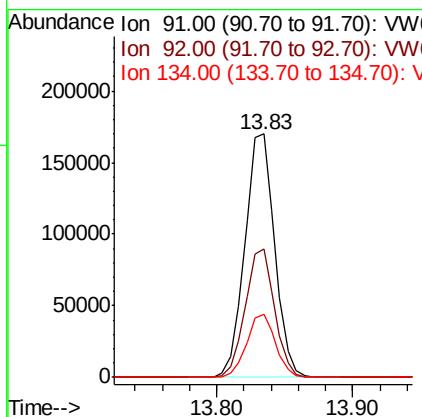
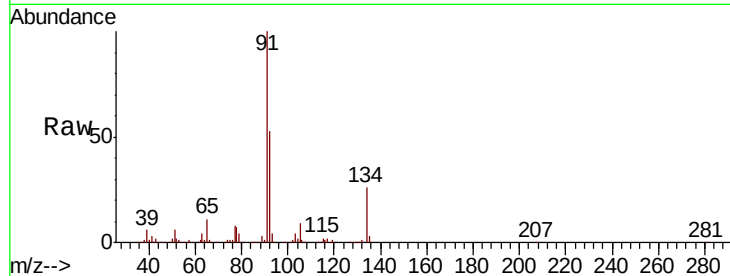
#89
n-Butylbenzene
Concen: 21.75 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.6
134	25.3	12.7	38.1

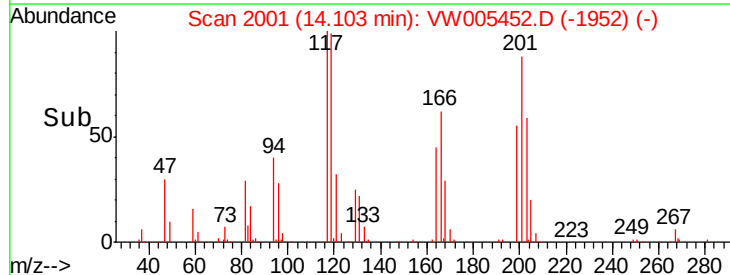
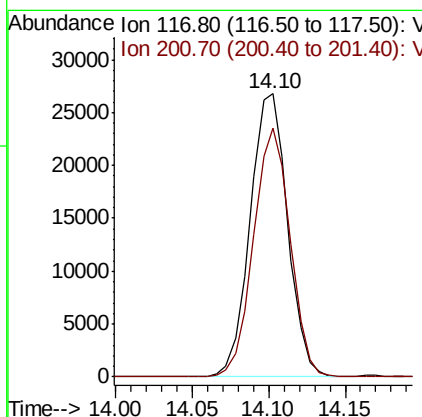
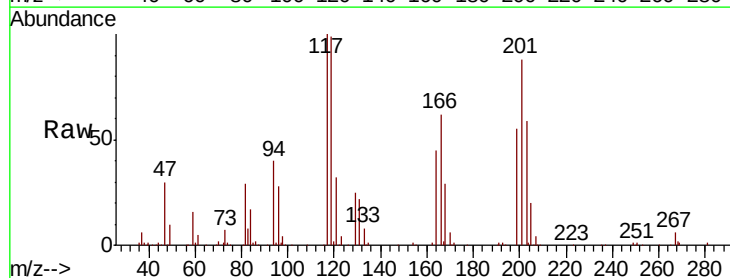
Manual Integrations
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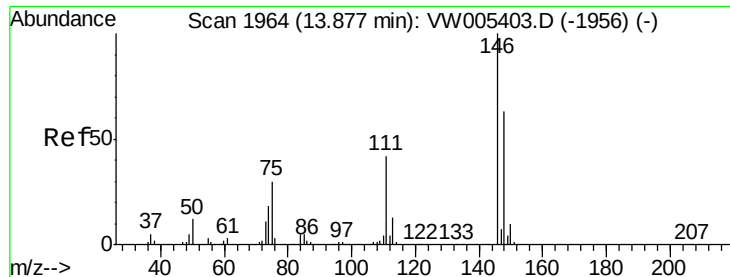
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#90
Hexachloroethane
Concen: 20.80 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	42.5	127.5





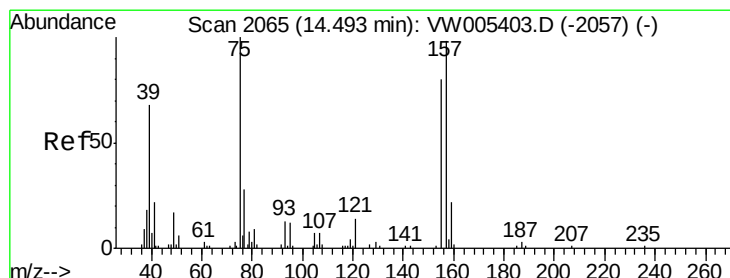
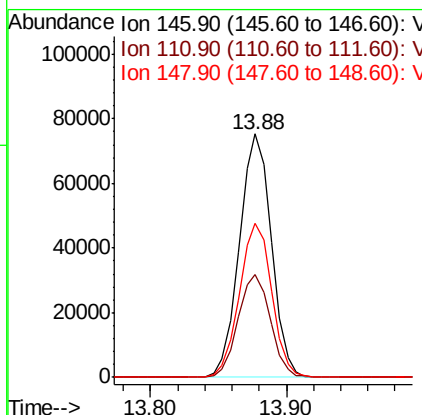
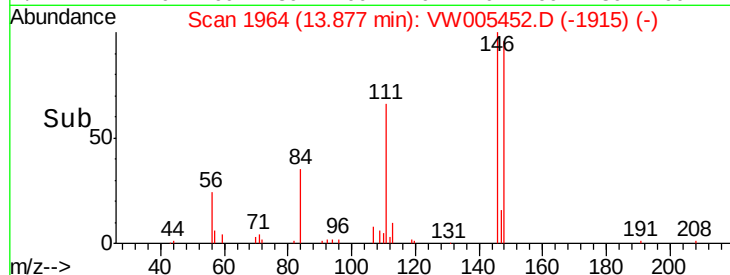
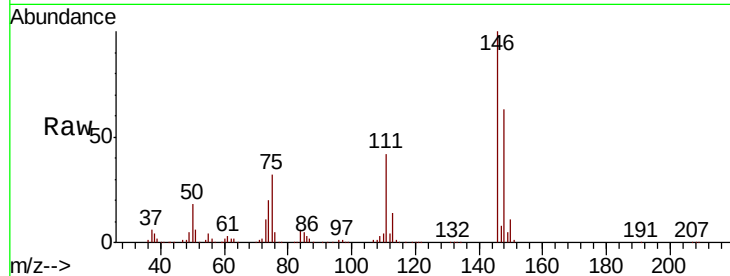
#91
 1,2-Dichlorobenzene
 Concen: 21.48 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.0	63.0
148	63.8	31.9	95.9

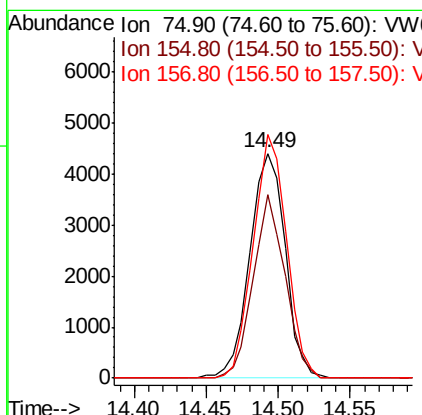
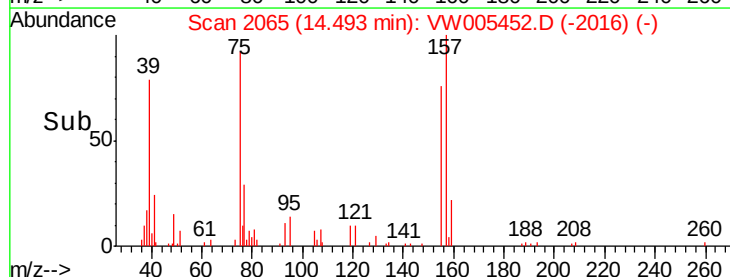
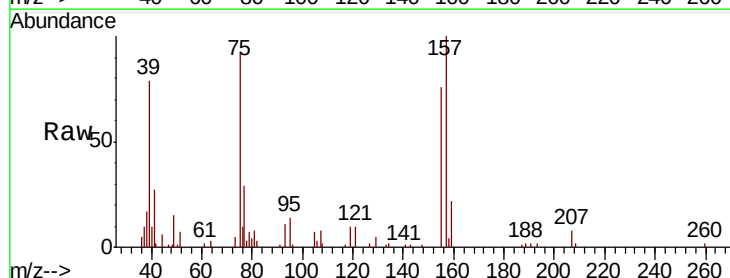
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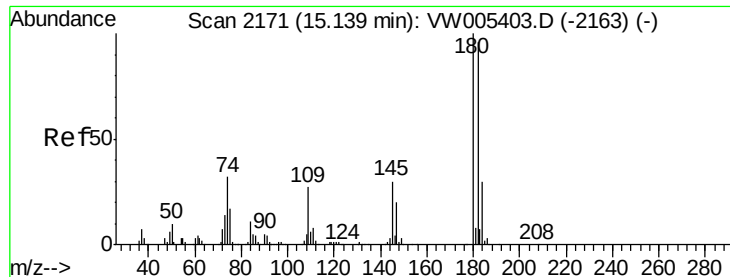
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.48 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.3	39.0	117.0
157	101.8	49.9	149.6





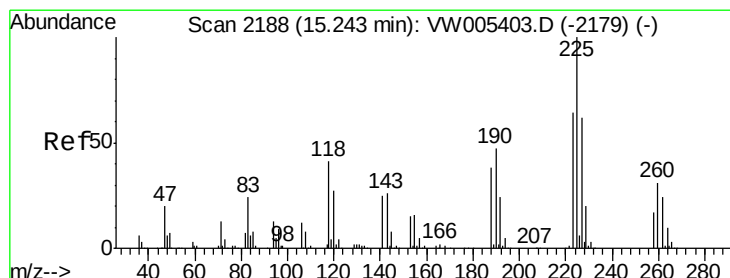
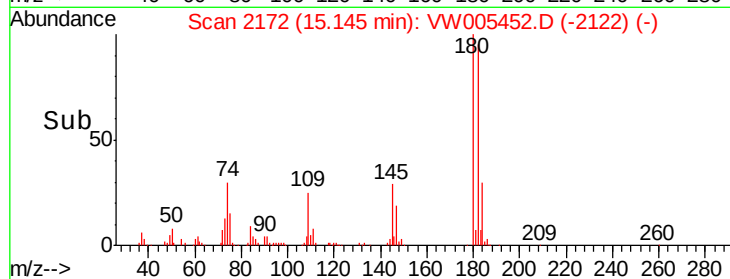
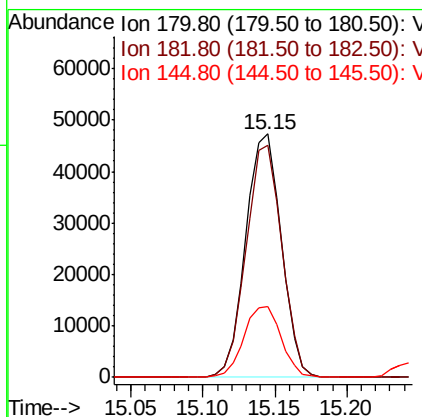
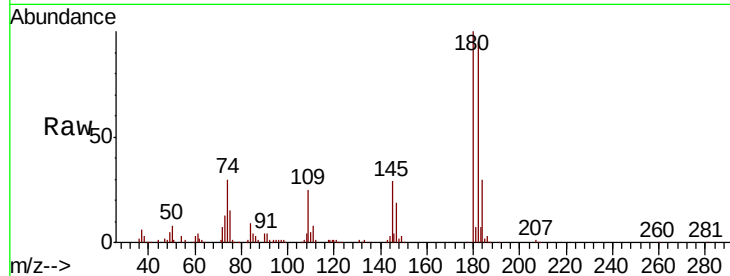
#93
 1,2,4-Trichlorobenzene
 Concen: 21.06 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80793		
182	95.8	47.3	141.9	
145	30.7	14.8	44.3	

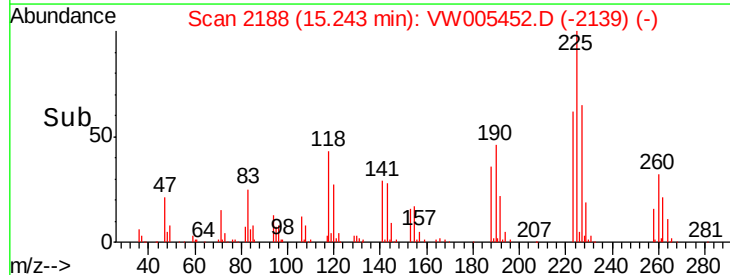
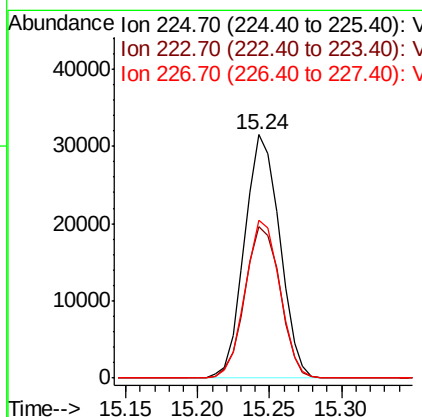
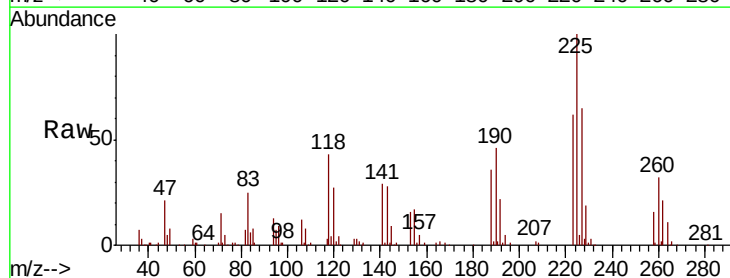
Manual Integrations
 APPROVED

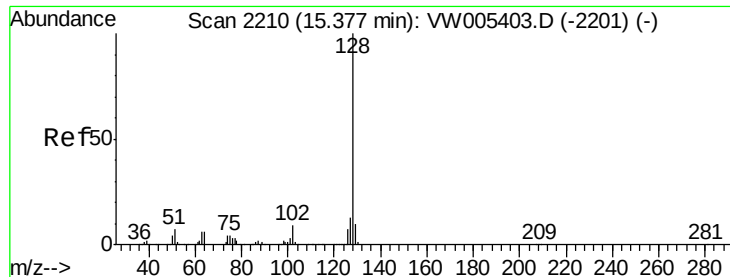
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#94
 Hexachlorobutadiene
 Concen: 21.30 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005452.D
 Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53357		
223	62.4	31.2	93.6	
227	63.6	31.6	95.0	





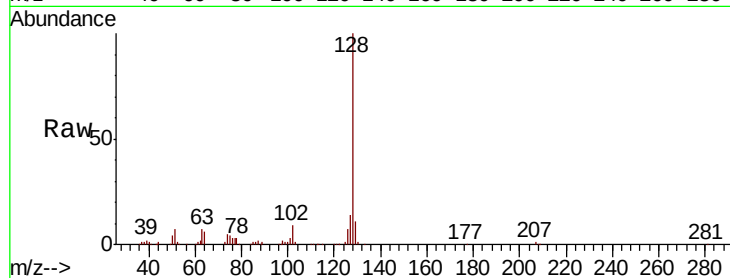
#95
Naphthalene
Concen: 20.06 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD02

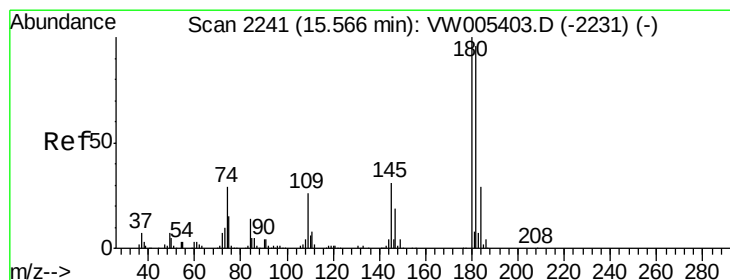
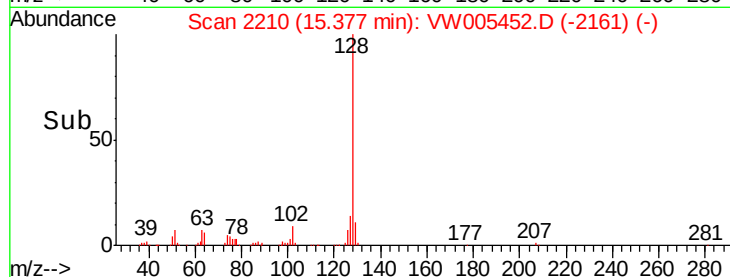
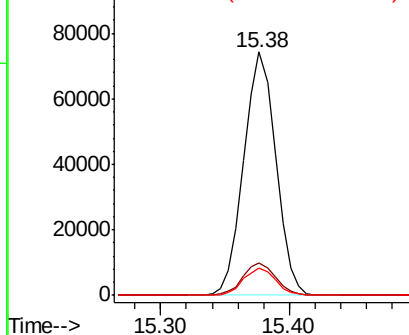
Tot Ion	Ratio	Resp	Lower	Upper
128	100	128178		
127	13.8		11.0	16.4
129	11.2		8.7	13.1

Manual Integrations
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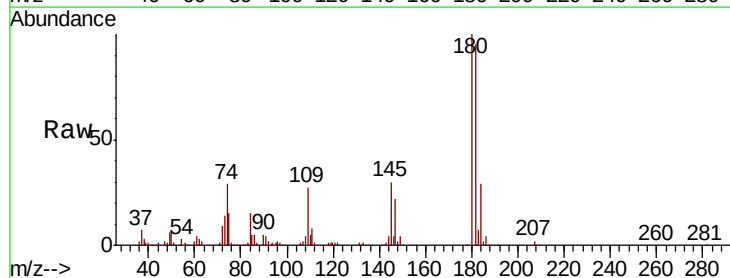


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.90 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005452.D
Acq: 18 Sep 2018 01:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69970		
182	95.7		48.1	144.4
145	31.8		15.9	47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

