

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005913.D
 Acq On : 09 Oct 2018 01:02
 Operator : SY/AP
 Sample : VW1008SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Manual Integrations
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 10/9/2018 4:35:39 PM

Quant Time: Oct 09 08:01:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124619	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	7.88	113	127767	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.33	98	494237	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.62	95	182283	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22033	16.88	ug/l	95
3) Chloromethane	2.21	50	27140	17.68	ug/l	98
4) Vinyl Chloride	2.37	62	46505	19.08	ug/l	96
5) Bromomethane	2.78	94	42319	22.00	ug/l	100
6) Chloroethane	2.93	64	33649	21.67	ug/l	99
7) Trichlorofluoromethane	3.26	101	37080	19.16	ug/l	97
8) Diethyl Ether	3.68	74	23283	19.55	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44806	18.35	ug/l	97
10) Methyl Iodide	4.26	142	78432	19.64	ug/l	100
11) Tert butyl alcohol	5.22	59	16776	88.53	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43898	18.72	ug/l	97
13) Acrolein	3.90	56	15416	91.29	ug/l	99
14) Allyl chloride	4.67	41	68224	17.06	ug/l	98
15) Acrylonitrile	5.38	53	47534	91.73	ug/l	99
16) Acetone	4.14	43	41943	81.21	ug/l	100
17) Carbon Disulfide	4.37	76	122507	17.28	ug/l	99
18) Methyl Acetate	4.68	43	22262	17.08	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	71932	19.72	ug/l	98
20) Methylene Chloride	4.91	84	51541	19.92	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	48553	19.00	ug/l	97
22) Diisopropyl ether	6.31	45	140619	18.81	ug/l	97
23) Vinyl Acetate	6.26	43	414853	90.17	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87046	19.03	ug/l	99
25) 2-Butanone	7.18	43	62814	85.51	ug/l	97
26) 2,2-Dichloropropane	7.17	77	55783	17.33	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	56574	19.57	ug/l	96
28) Bromochloromethane	7.51	49	32493	19.24	ug/l	94
29) Tetrahydrofuran	7.54	42	40988	88.26	ug/l	97
30) Chloroform	7.68	83	93512	19.90	ug/l	99
31) Cyclohexane	7.95	56	77242	17.06	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	80779	19.31	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69135	18.19	ug/l	99
37) Ethyl Acetate	7.26	43	28633	17.79	ug/l	97
38) Carbon Tetrachloride	8.07	117	76009	18.62	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89582	17.87	ug/l	97
40) Benzene	8.32	78	198015	19.04	ug/l	99
41) Methacrylonitrile	7.49	41	18000	17.86	ug/l	97
42) 1,2-Dichloroethane	8.40	62	58603	18.65	ug/l	99
43) Isopropyl Acetate	8.43	43	60431	17.98	ug/l	99
44) Trichloroethene	9.09	130	58809	19.49	ug/l	99
45) 1,2-Dichloropropane	9.37	63	49486	19.01	ug/l	98
46) Dibromomethane	9.46	93	27115	18.95	ug/l	98
47) Bromodichloromethane	9.65	83	68616	19.05	ug/l	99
48) Methyl methacrylate	9.44	41	28509	17.80	ug/l	97
49) 1,4-Dioxane	9.48	88	9051	416.40	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	149282	91.19	ug/l	99
52) Toluene	10.39	92	131129	19.19	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	67312	17.89	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	76459	18.07	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38498	19.42	ug/l	97
56) Ethyl methacrylate	10.65	69	48681	18.22	ug/l	98
57) 1,3-Dichloropropane	10.94	76	62925	18.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104185	95.85	ug/l	99
59) 2-Hexanone	10.98	43	100662	85.75	ug/l	97
60) Dibromochloromethane	11.13	129	48671	19.03	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38262	19.32	ug/l	98
64) Tetrachloroethene	10.87	164	55978	20.77	ug/l	98
65) Chlorobenzene	11.66	112	150648	19.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54824	19.30	ug/l	99
67) Ethyl Benzene	11.74	91	261169	19.08	ug/l	100
68) m/p-Xylenes	11.84	106	205729	38.45	ug/l	98
69) o-Xylene	12.17	106	99426	19.41	ug/l	98
70) Styrene	12.18	104	162755	19.15	ug/l	99
71) Bromoform	12.35	173	30931	18.28	ug/l #	99
73) Isopropylbenzene	12.47	105	271779	18.79	ug/l	99
74) N-amyl acetate	12.28	43	60190	17.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	44555	18.79	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34790m	19.66	ug/l	
77) Bromobenzene	12.75	156	68056	19.86	ug/l	95
78) n-propylbenzene	12.81	91	316336	18.59	ug/l	99
79) 2-Chlorotoluene	12.90	91	180177	18.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	231805	18.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13062	15.58	ug/l	96
82) 4-Chlorotoluene	12.99	91	190398	18.84	ug/l	99
83) tert-Butylbenzene	13.21	119	207887	19.14	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	236488	19.20	ug/l	100
85) sec-Butylbenzene	13.39	105	287566	18.86	ug/l	99
86) p-Isopropyltoluene	13.51	119	260631	19.01	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	132093	19.40	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	131211	19.39	ug/l	99
89) n-Butylbenzene	13.83	91	238078	18.42	ug/l	99
90) Hexachloroethane	14.10	117	47019	18.23	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	120820	19.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7778	17.60	ug/l	96

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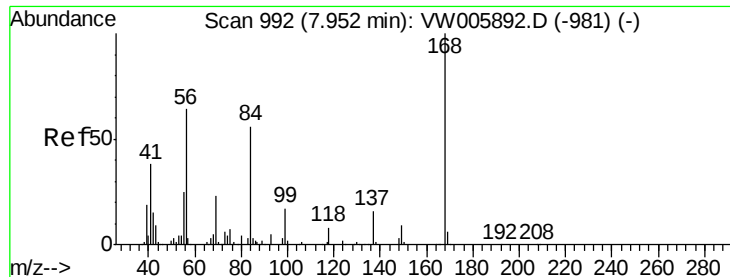
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	91617	19.55	ug/l	99
94) Hexachlorobutadiene	15.24	225	56979	19.48	ug/l	99
95) Naphthalene	15.38	128	159182	19.70	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	81044	19.97	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

Tgt Ion: 168 Resp: 266356

Ion Ratio Lower Upper

168 100

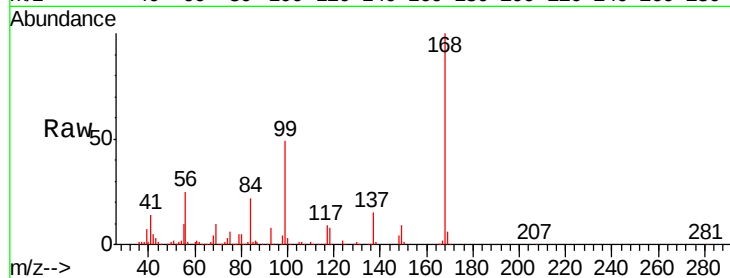
99 49.3 40.9 61.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

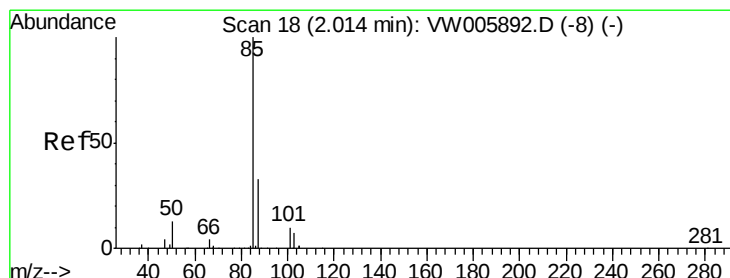
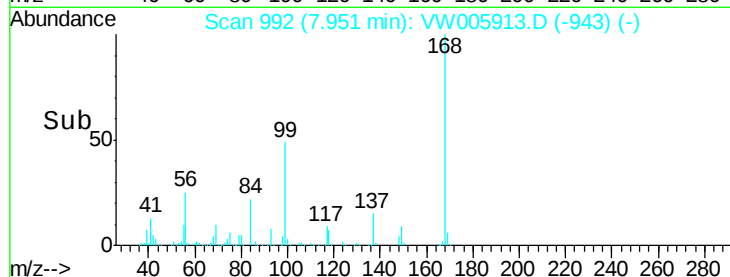
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.88 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005913.D

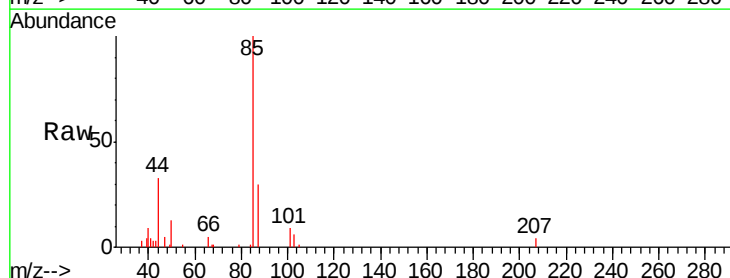
Acq: 09 Oct 2018 01:02

Tgt Ion: 85 Resp: 22033

Ion Ratio Lower Upper

85 100

87 30.3 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

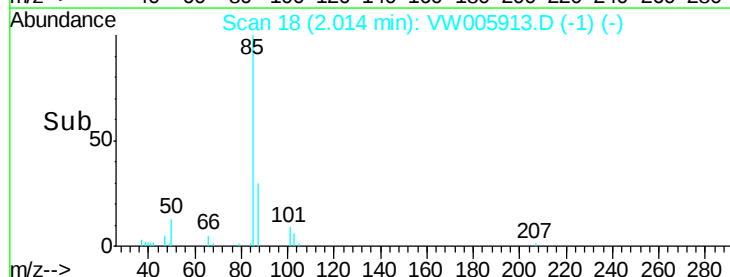
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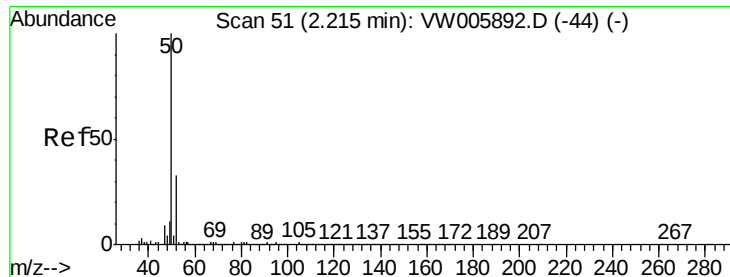
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2000

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Time-->





#3

Chloromethane

Concen: 17.68 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 50 Resp: 27140

Ion Ratio Lower Upper

50 100

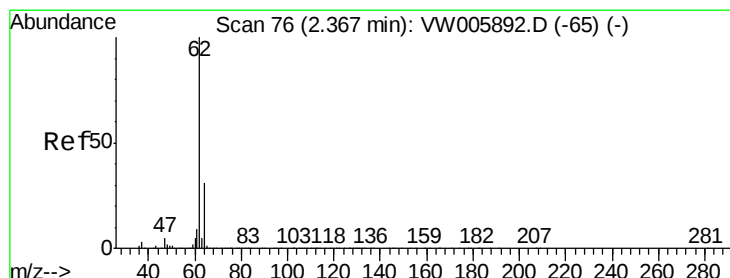
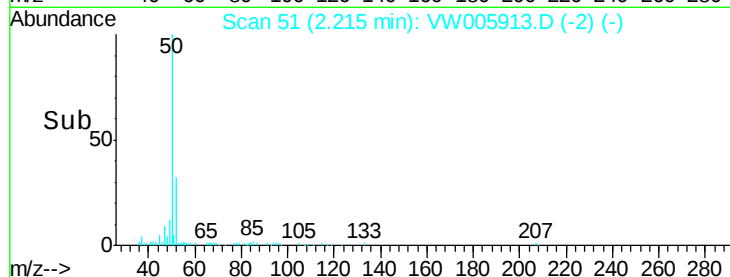
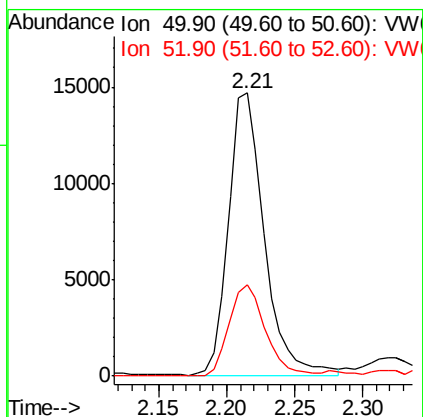
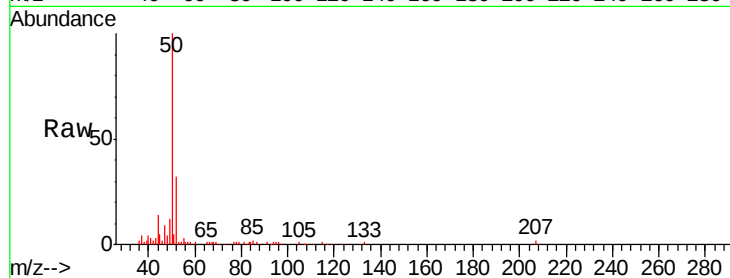
52 32.1 26.7 40.1

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#4

Vinyl Chloride

Concen: 19.08 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005913.D

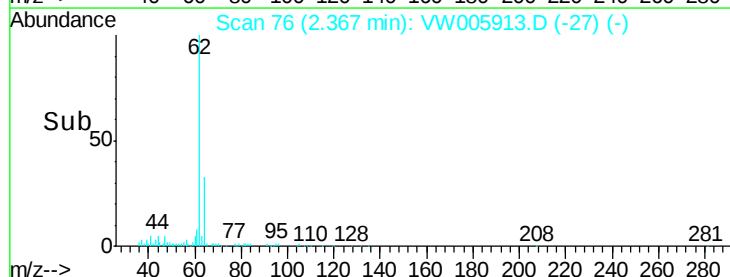
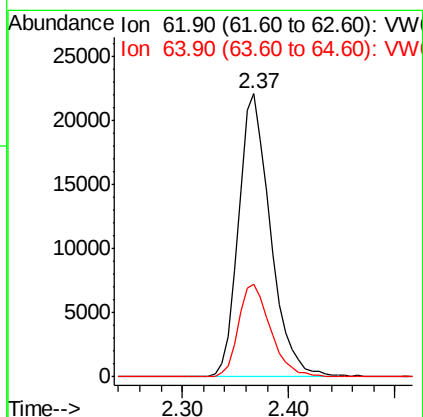
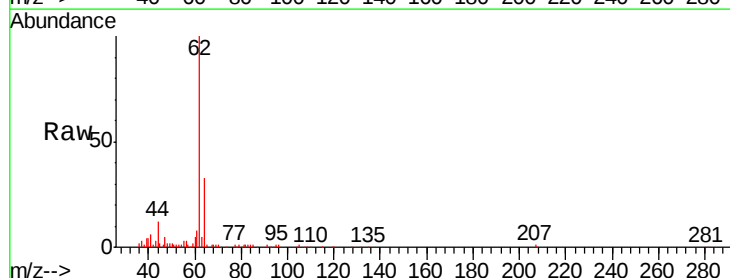
Acq: 09 Oct 2018 01:02

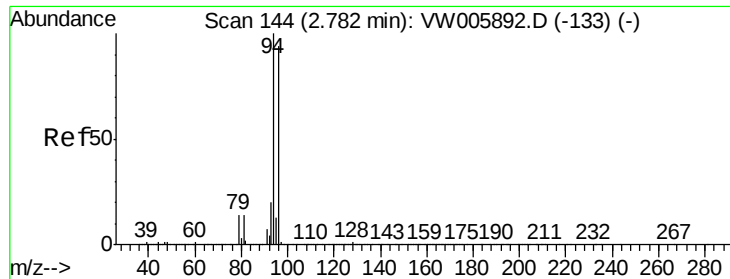
Tgt Ion: 62 Resp: 46505

Ion Ratio Lower Upper

62 100

64 32.6 24.6 36.8





#5

Bromomethane

Concen: 22.00 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

Tgt Ion: 94 Resp: 42319

Ion Ratio Lower Upper

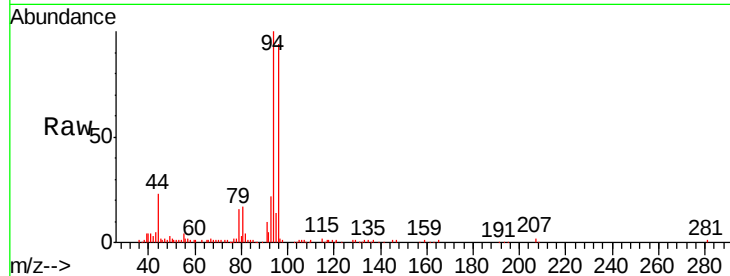
94 100

96 94.0 75.0 112.4

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

20000

15000

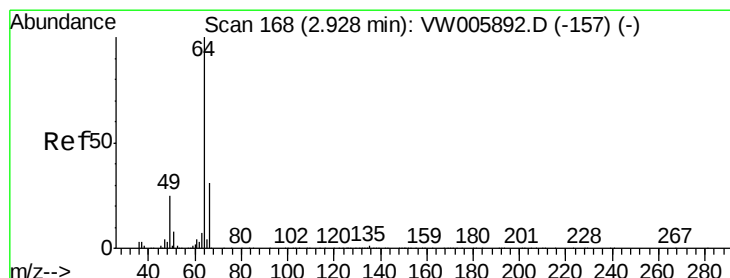
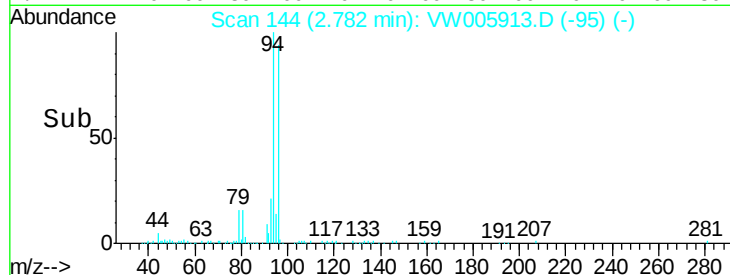
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5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 21.67 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005913.D

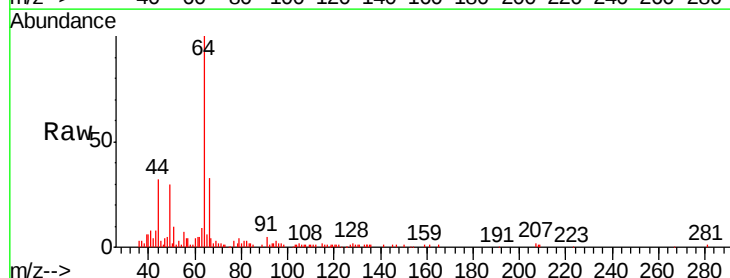
Acq: 09 Oct 2018 01:02

Tgt Ion: 64 Resp: 33649

Ion Ratio Lower Upper

64 100

66 32.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

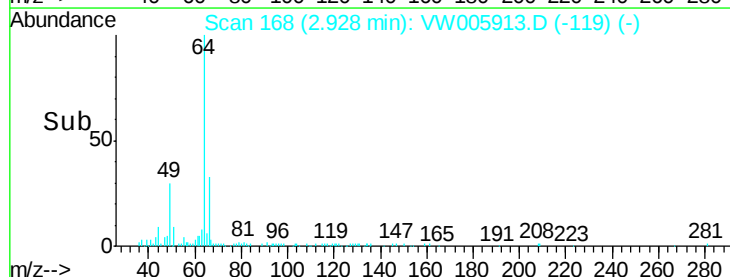
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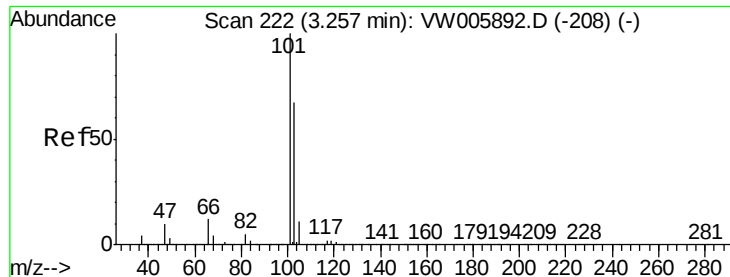
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Time-->

2.80 2.90 3.00 3.10





#7

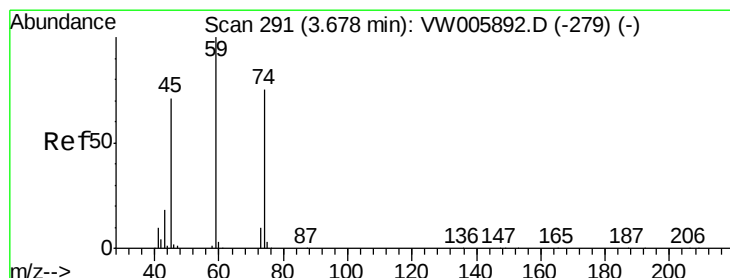
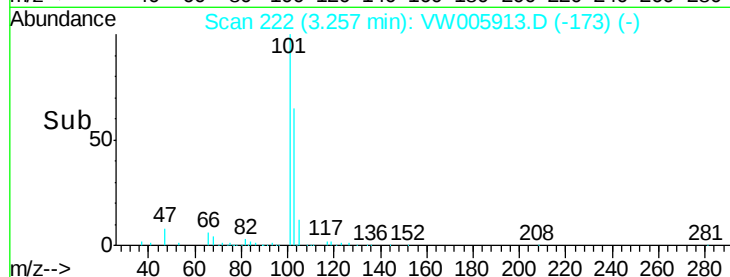
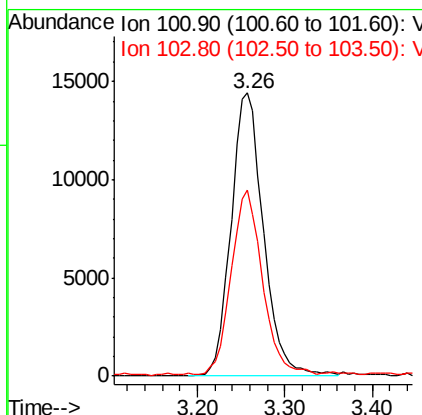
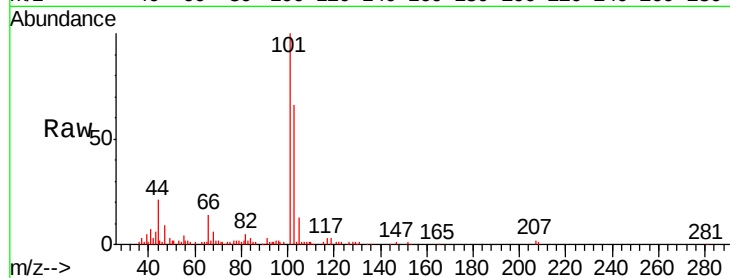
Trichlorofluoromethane
 Concen: 19.16 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
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 VW1008SBSD02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.5	80.3

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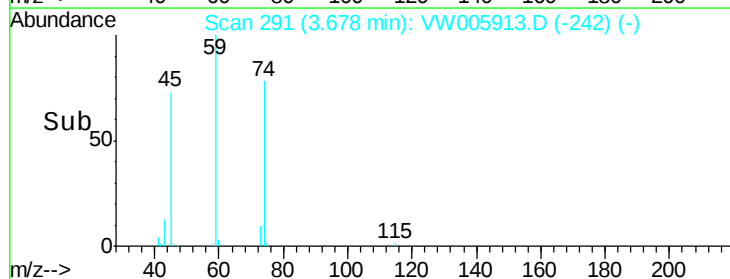
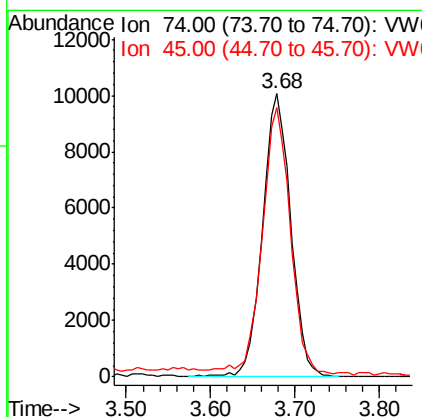
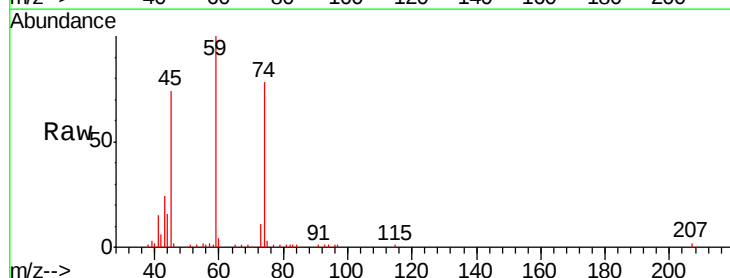
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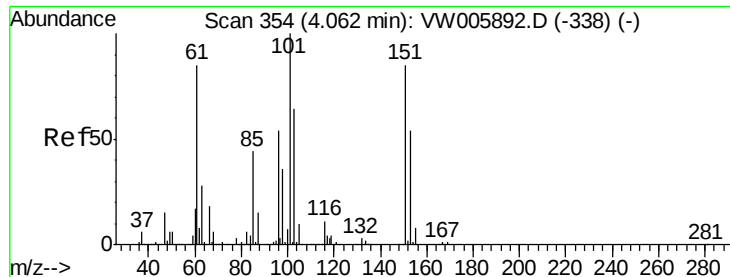


#8

Diethyl Ether
 Concen: 19.55 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.35 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

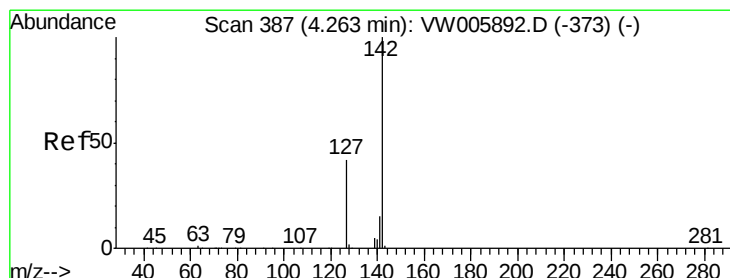
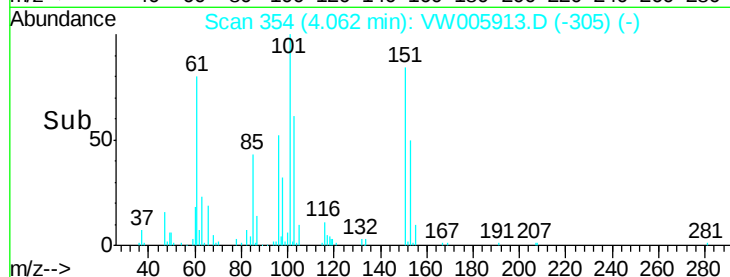
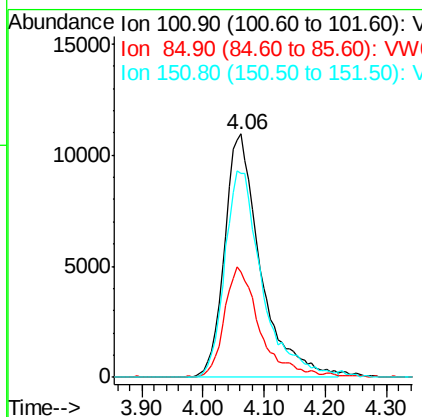
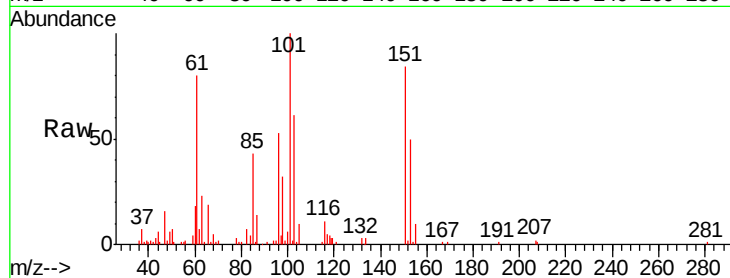
ClientSampleId :

VW1008SBS02

Tgt Ion:	101	Resp:	44806
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.1	52.7
151	87.7	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.64 ug/l

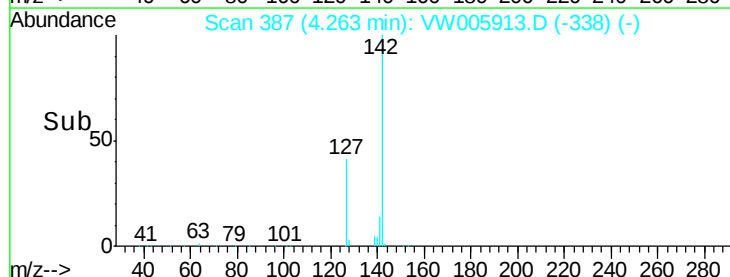
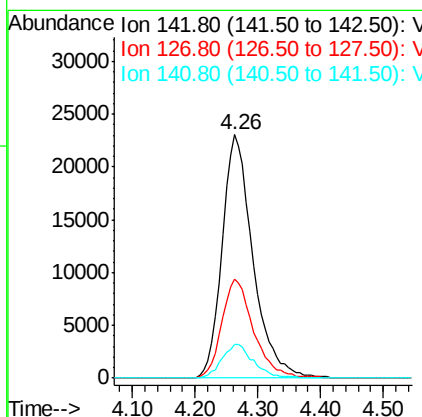
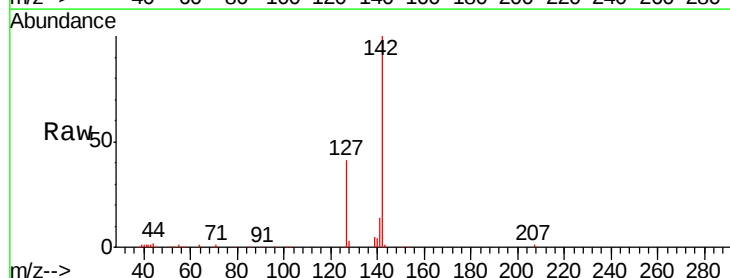
RT: 4.26 min Scan# 387

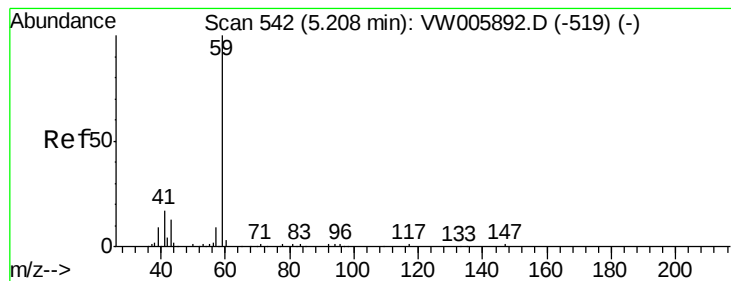
Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:	142	Resp:	78432
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.7	50.5
141	14.1	11.5	17.3





#11

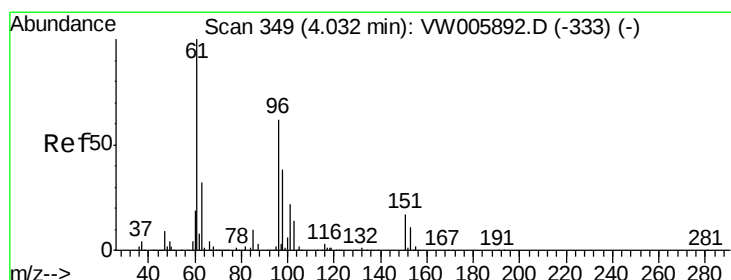
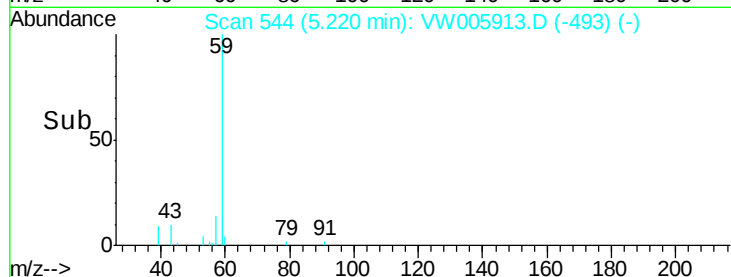
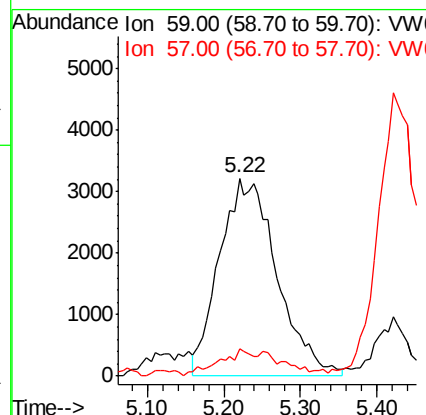
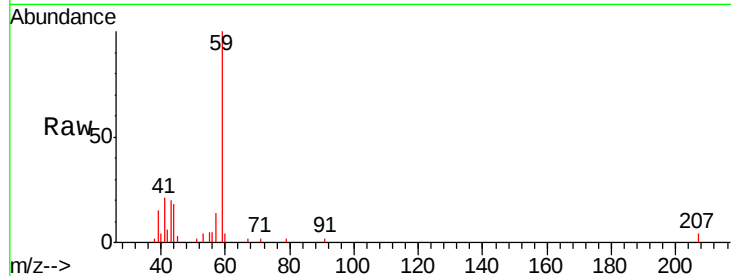
Tert butyl alcohol
Concen: 88.53 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.4	7.7	11.5

Manual Integrations
APPROVED

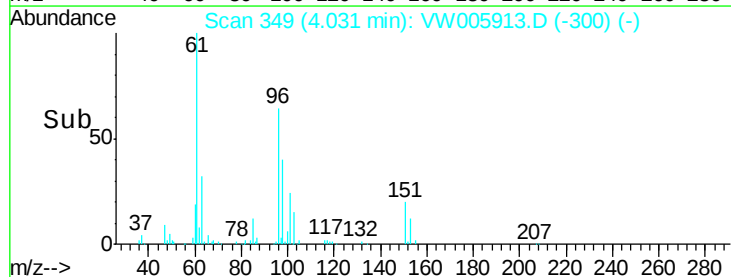
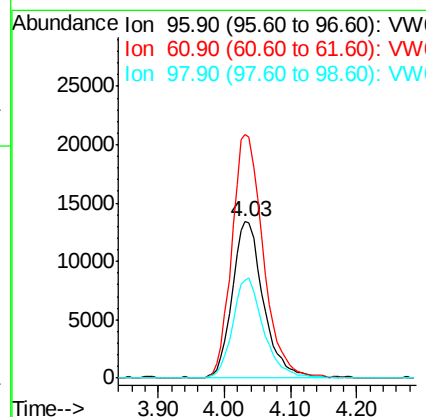
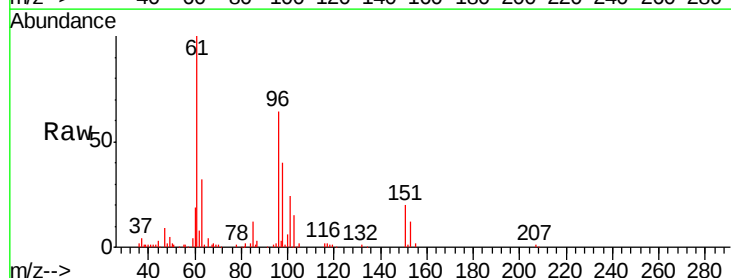
apatel
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#12

1,1-Dichloroethene
Concen: 18.72 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	128.6	193.0
98	62.4	49.4	74.0





#13

Acrolein

Concen: 91.29 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

Tgt Ion: 56 Resp: 15416

Ion Ratio Lower Upper

56 100

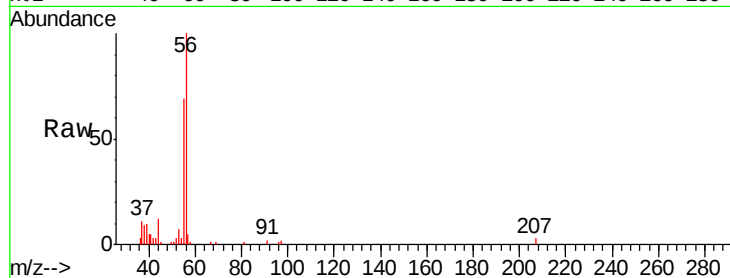
55 67.8 54.6 82.0

Manual Integrations

APPROVED

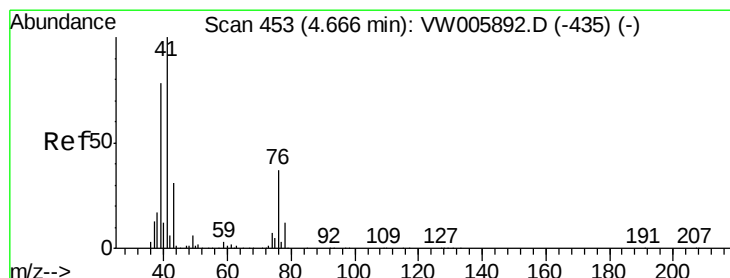
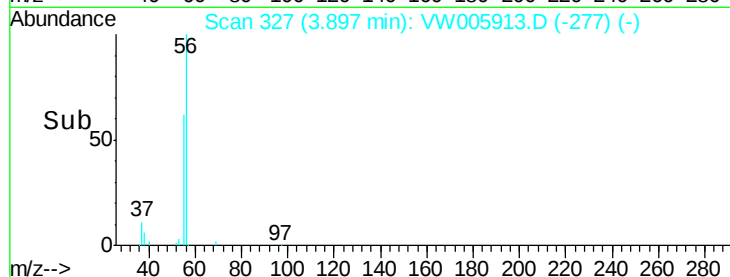
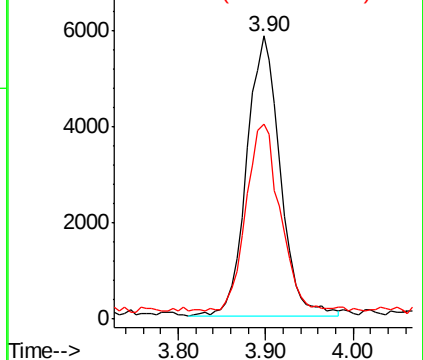
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 17.06 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

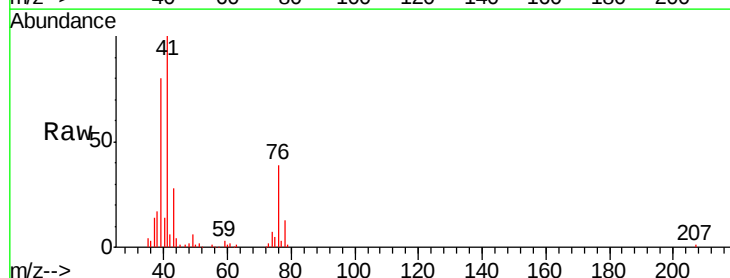
Tgt Ion: 41 Resp: 68224

Ion Ratio Lower Upper

41 100

39 78.0 60.8 91.2

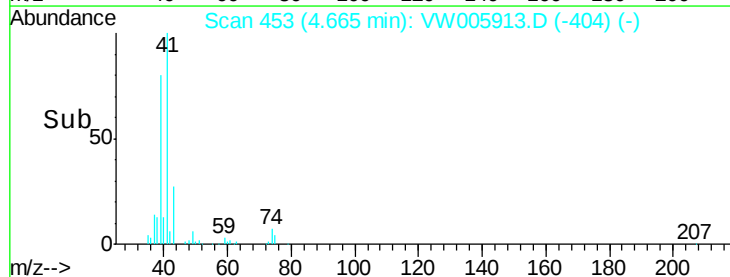
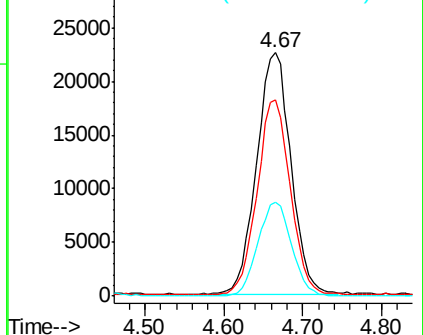
76 38.1 29.6 44.4

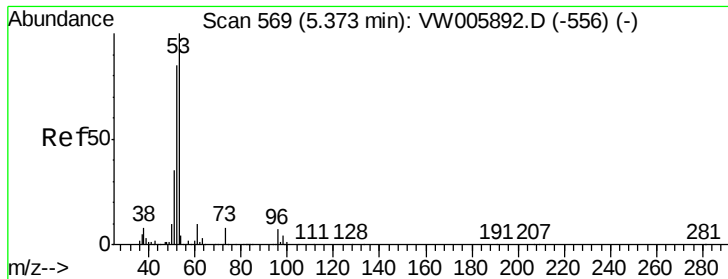


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 91.73 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

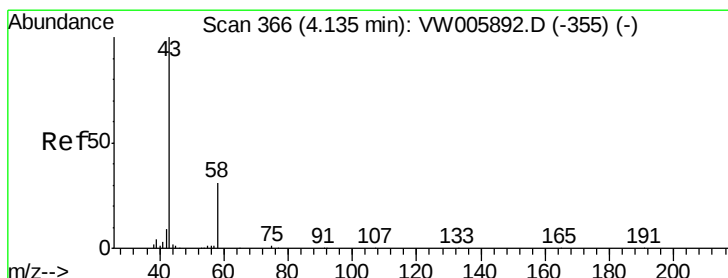
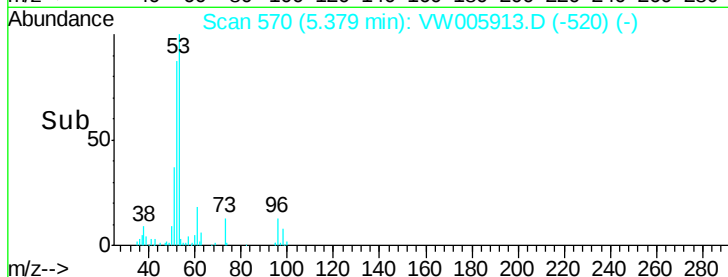
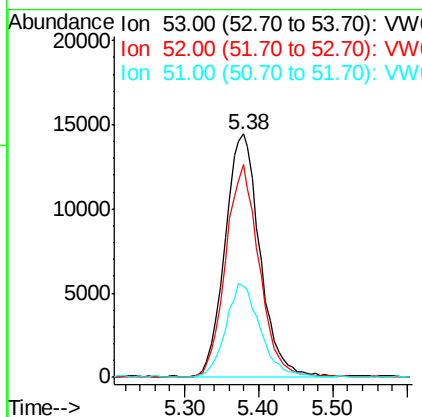
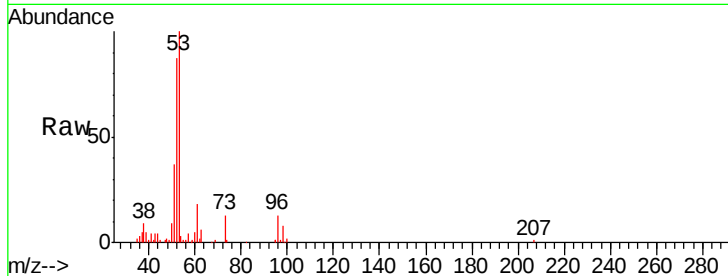
ClientSampleId :

VW1008SBS02

Tgt Ion:	53	Resp:	47534
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.8	100.2
51	38.2	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 81.21 ug/l

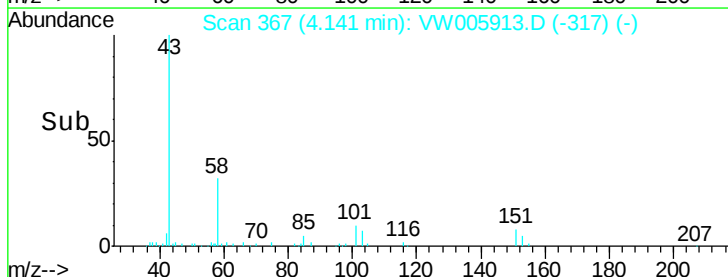
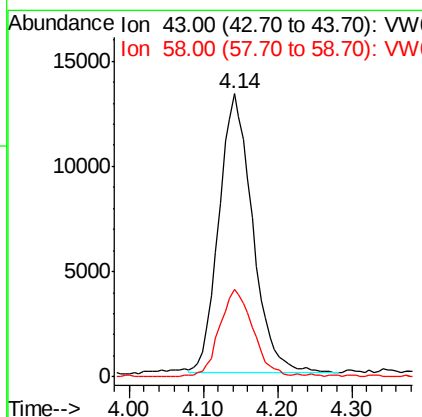
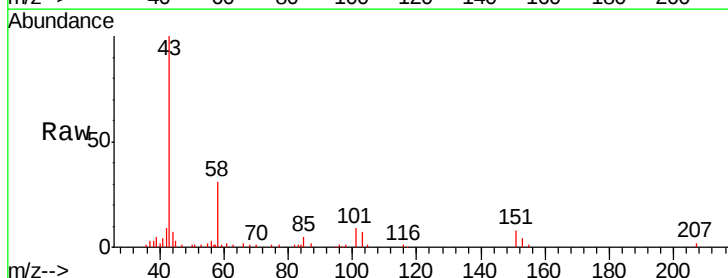
RT: 4.14 min Scan# 367

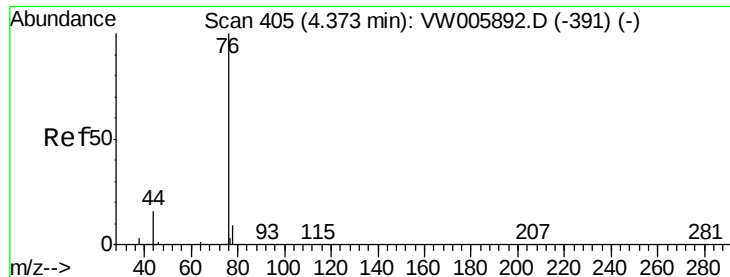
Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:	43	Resp:	41943
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.7	37.1





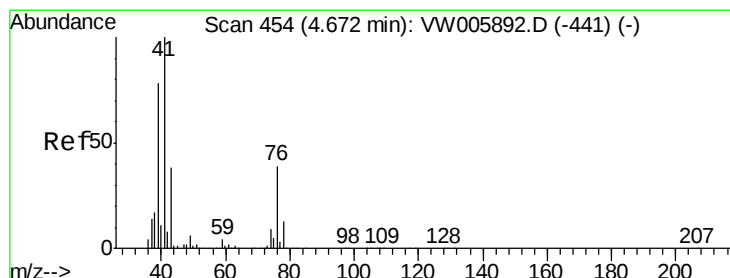
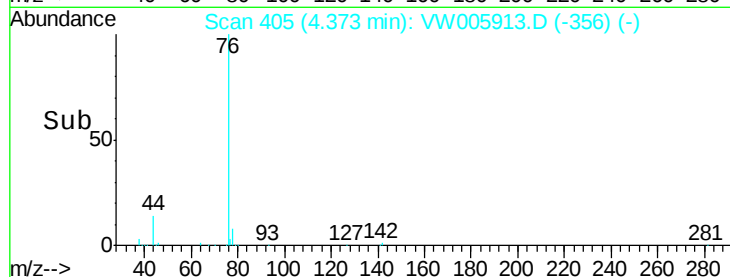
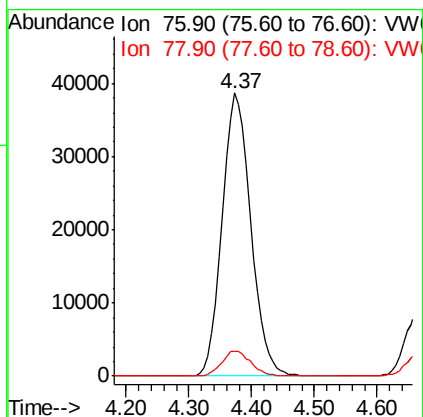
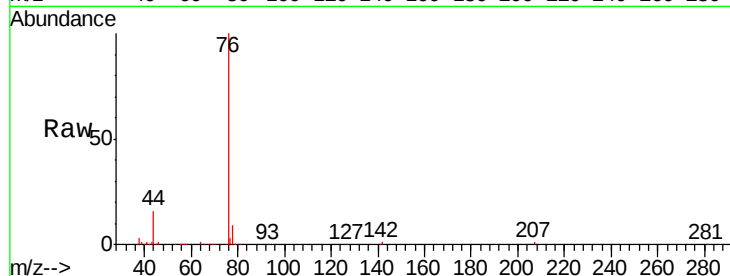
#17
Carbon Disulfide
Concen: 17.28 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

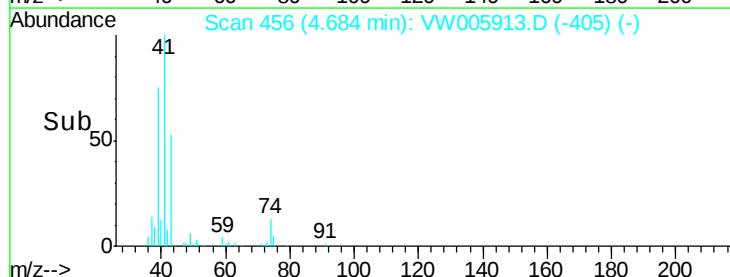
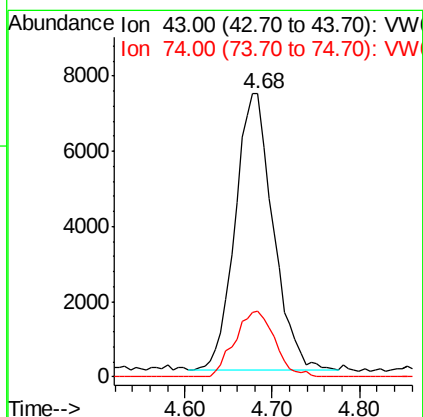
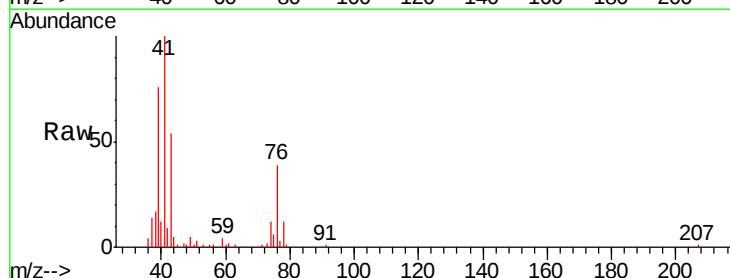
Manual Integrations
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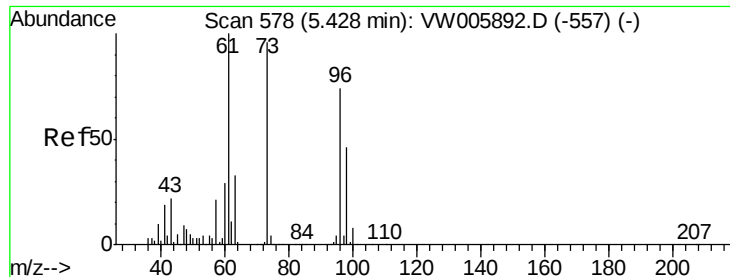
apatel
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#18
Methyl Acetate
Concen: 17.08 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.2	28.8





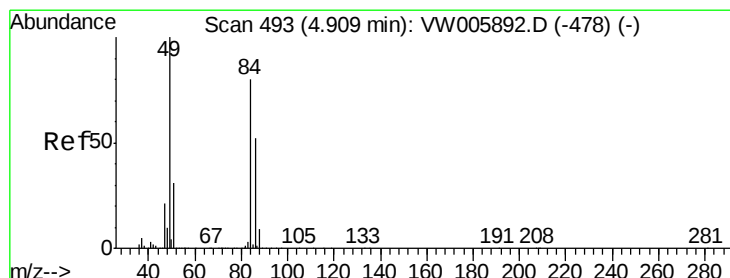
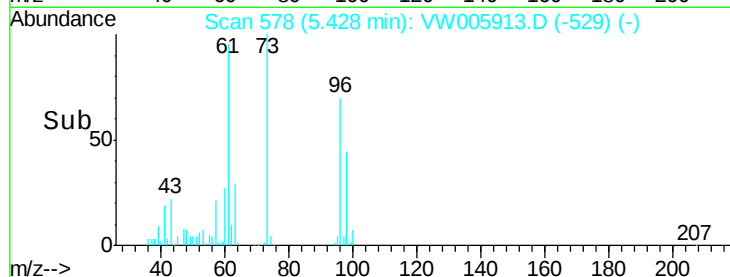
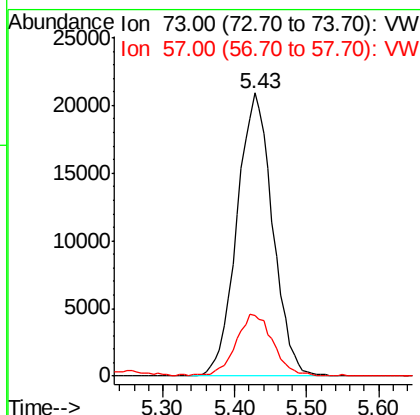
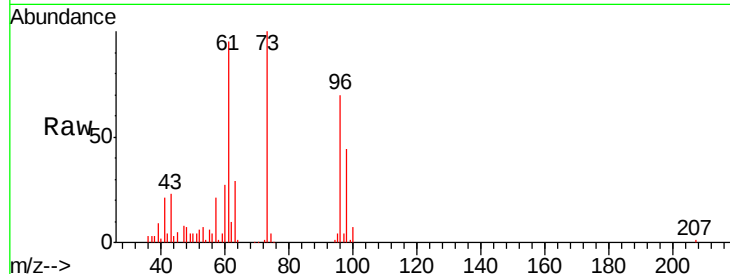
#19
Methyl tert-butyl Ether
Concen: 19.72 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion: 73 Resp: 71932
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

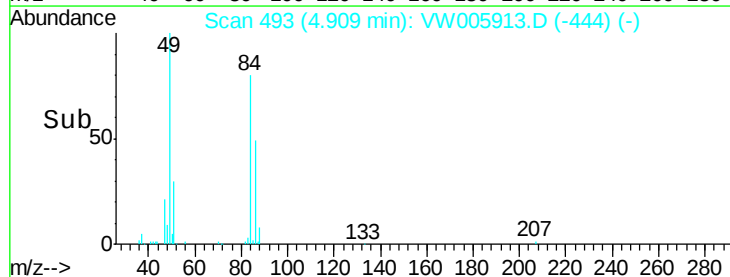
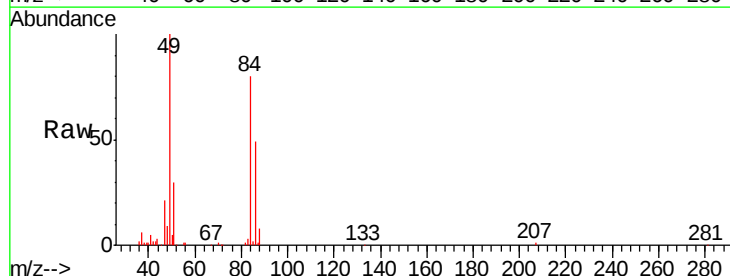
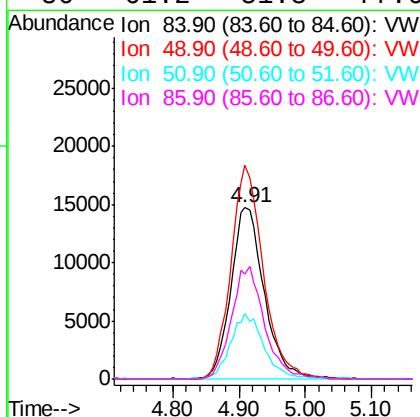
Manual Integrations
APPROVED

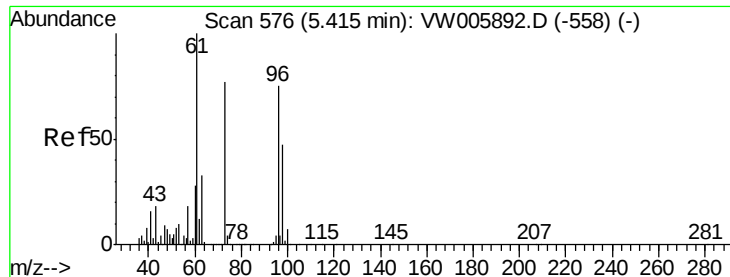
apatel
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#20
Methylene Chloride
Concen: 19.92 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 84 Resp: 51541
Ion Ratio Lower Upper
84 100
49 125.0 99.9 149.9
51 37.8 31.1 46.7
86 61.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.00 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

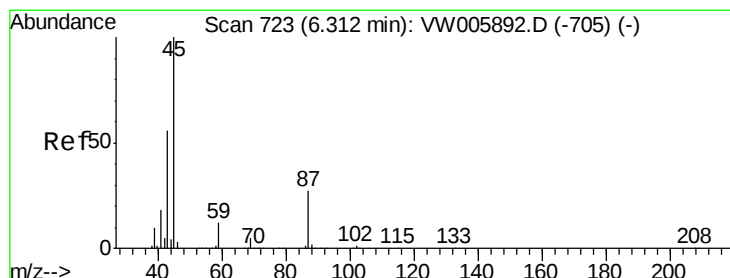
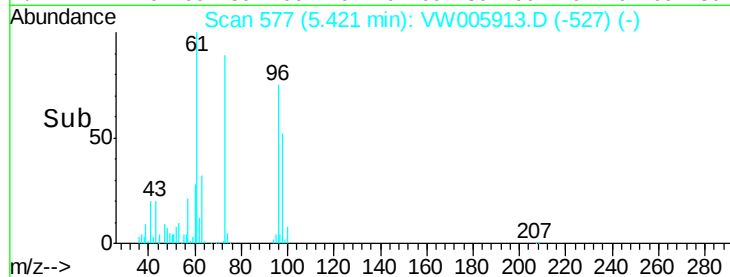
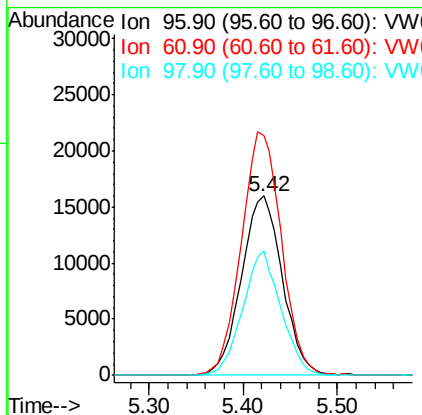
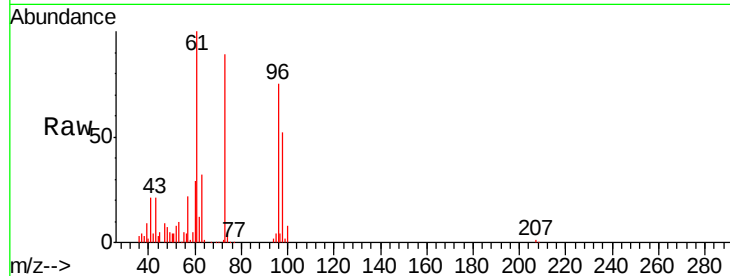
ClientSampleId :

VW1008SBS02

Tgt Ion:	96	Resp:	48553
Ion	Ratio	Lower	Upper
96	100		
61	134.0	107.4	161.0
98	69.5	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.81 ug/l

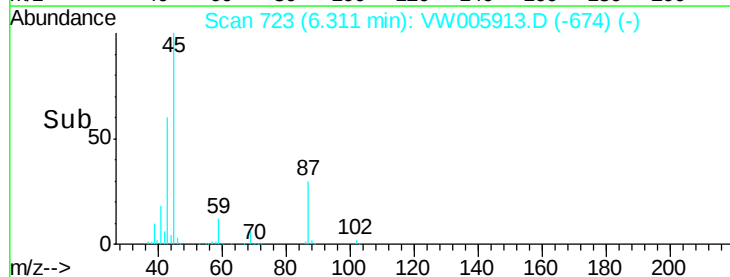
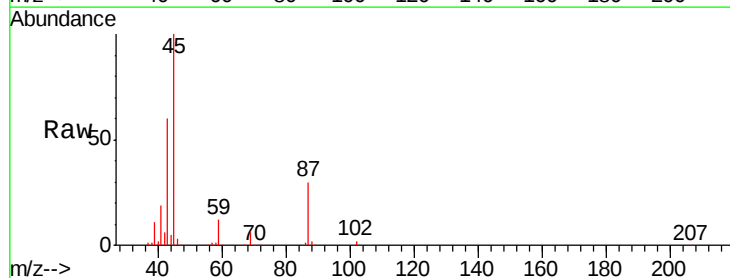
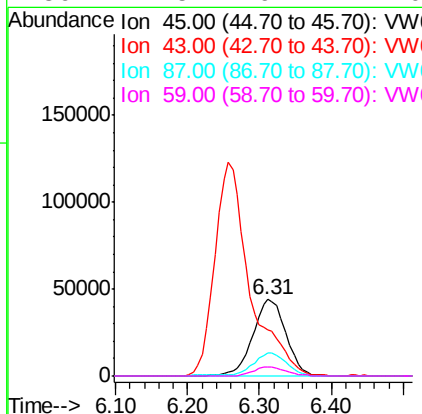
RT: 6.31 min Scan# 723

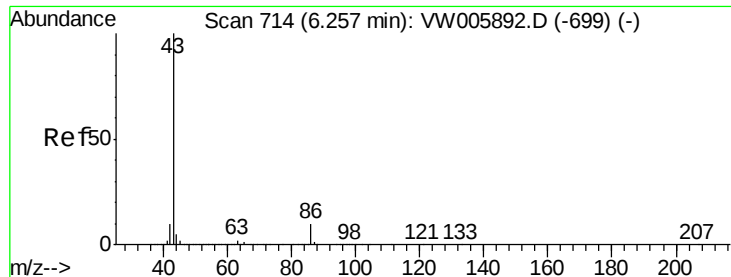
Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:	45	Resp:	140619
Ion	Ratio	Lower	Upper
45	100		
43	59.4	45.9	68.9
87	29.6	22.2	33.4
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 90.17 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 43 Resp: 414853

Ion Ratio Lower Upper

43 100

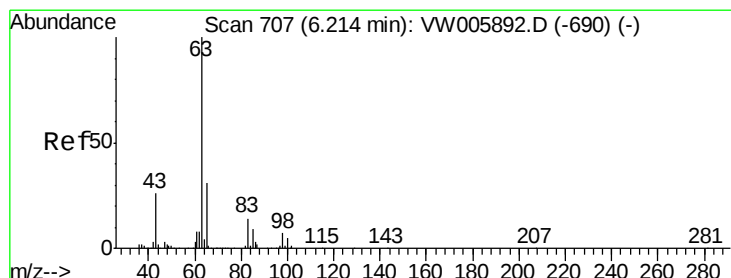
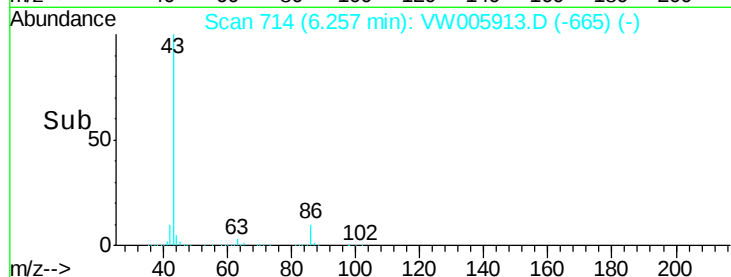
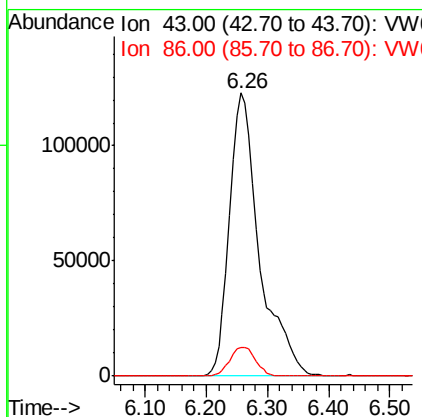
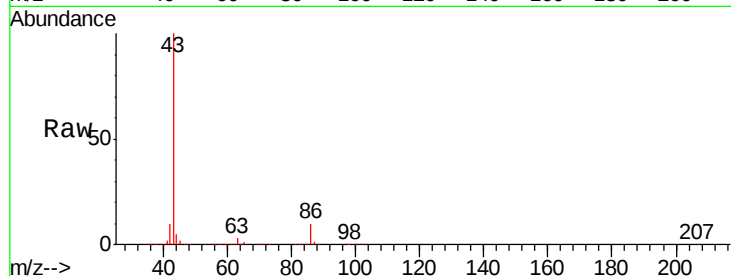
86 10.2 8.2 12.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.03 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

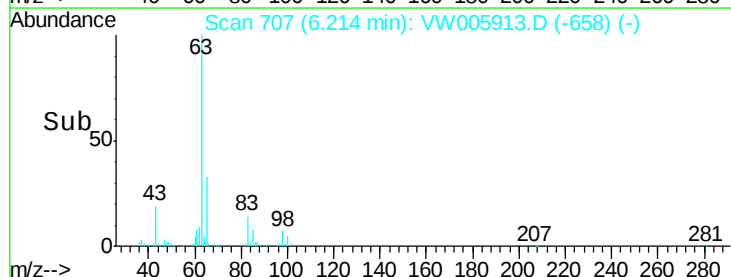
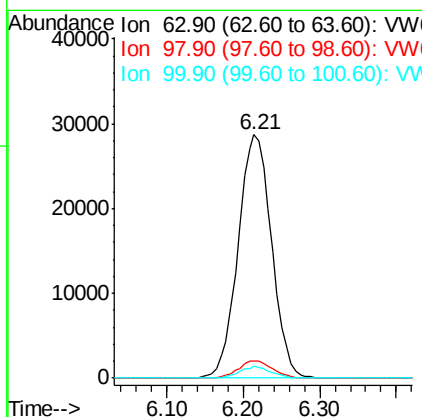
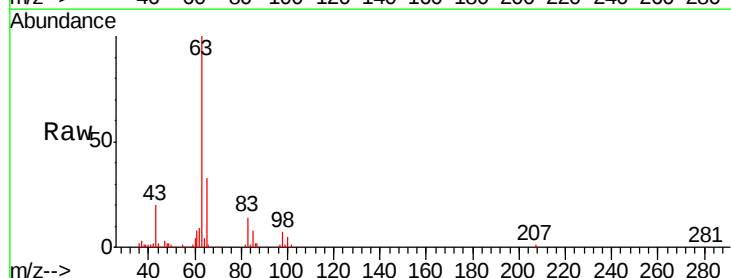
Tgt Ion: 63 Resp: 87046

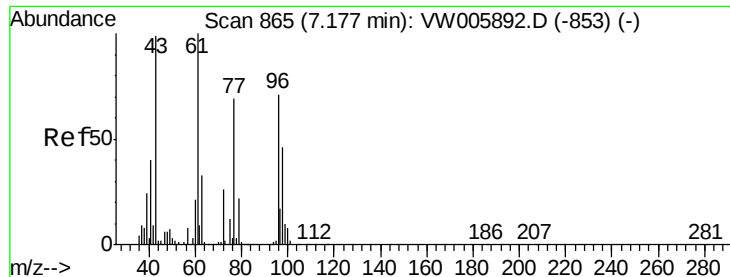
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 85.51 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleID :

VW1008SBS02

Tgt Ion: 43 Resp: 62814

Ion Ratio Lower Upper

43 100

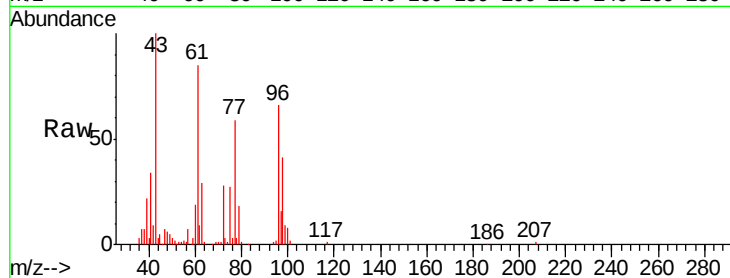
72 27.8 21.0 31.4

Manual Integrations

APPROVED

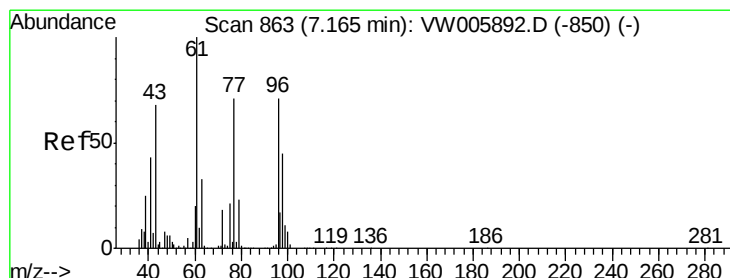
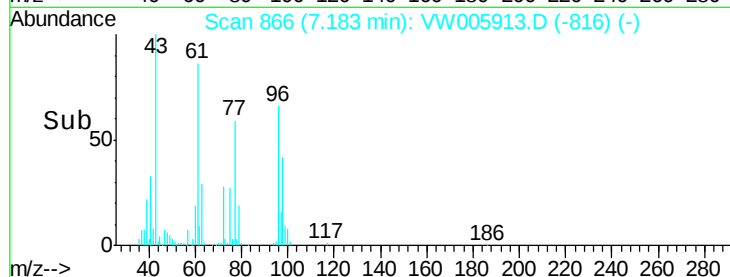
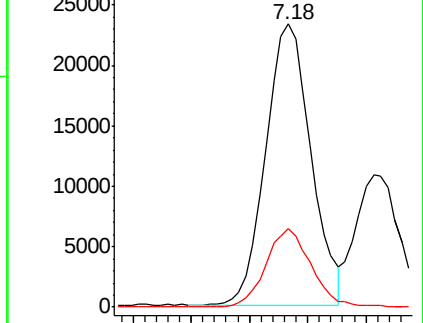
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 17.33 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW005913.D

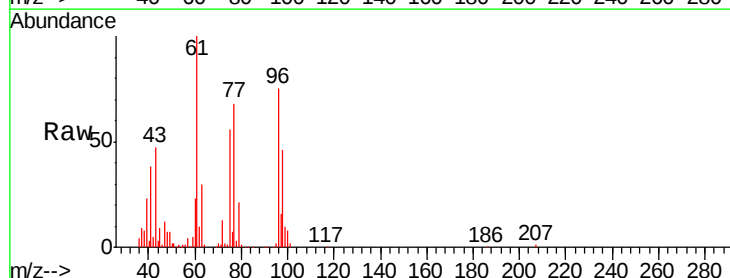
Acq: 09 Oct 2018 01:02

Tgt Ion: 77 Resp: 55783

Ion Ratio Lower Upper

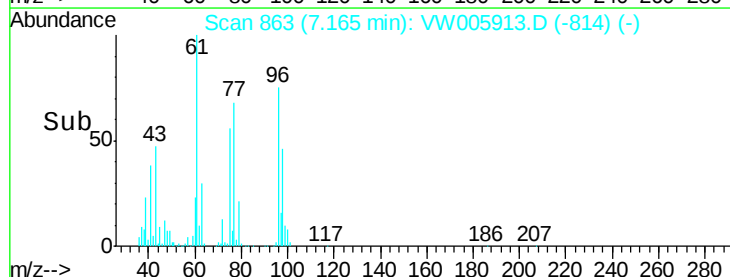
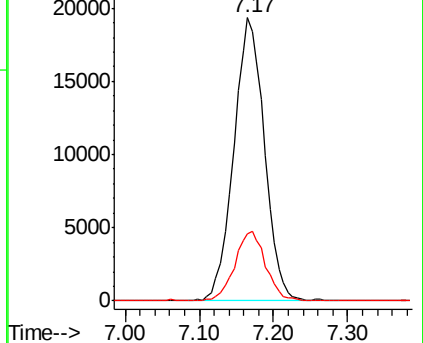
77 100

97 24.6 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

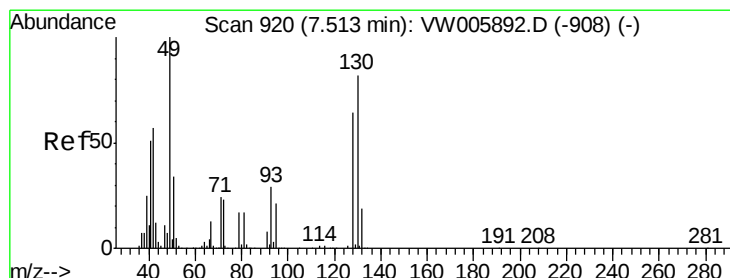
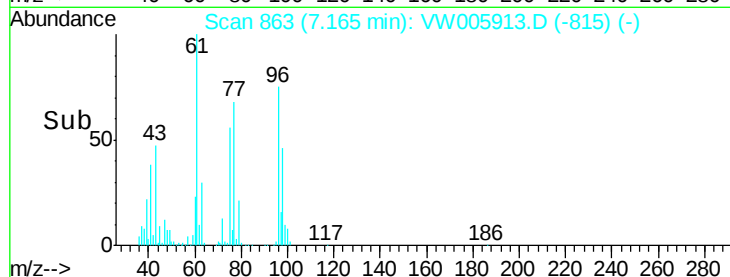
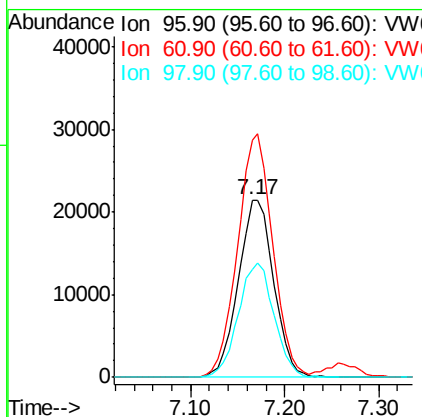
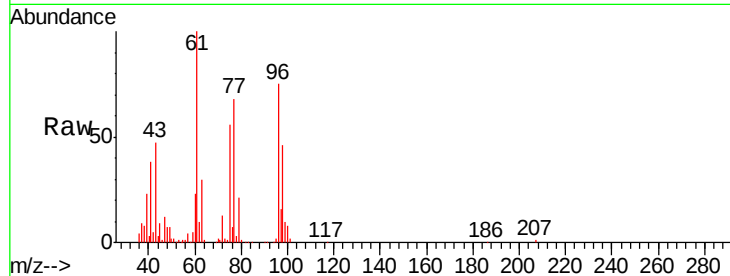
cis-1,2-Dichloroethene
Concen: 19.57 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	284.0
98	65.2	0.0	129.8

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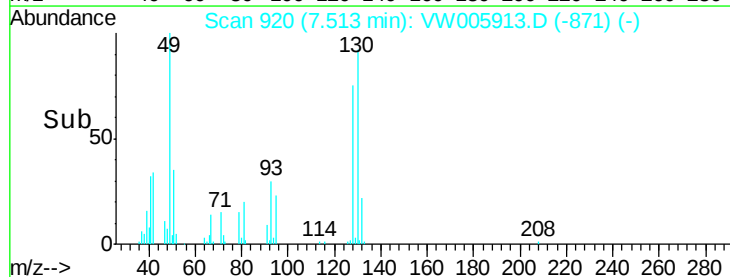
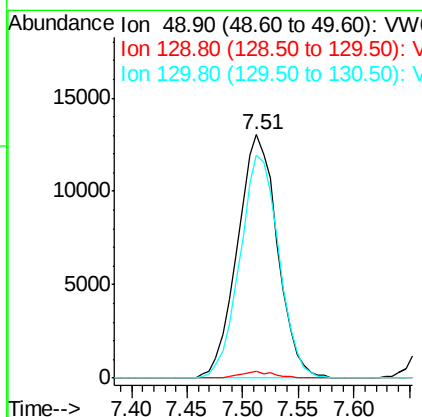
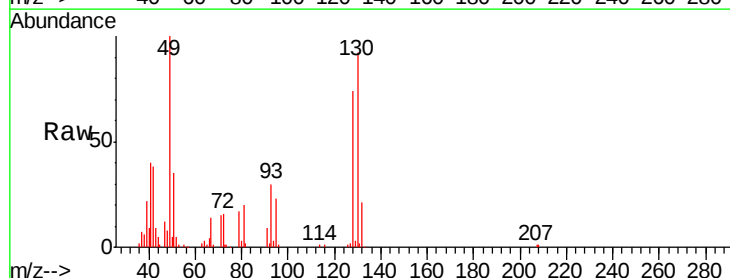
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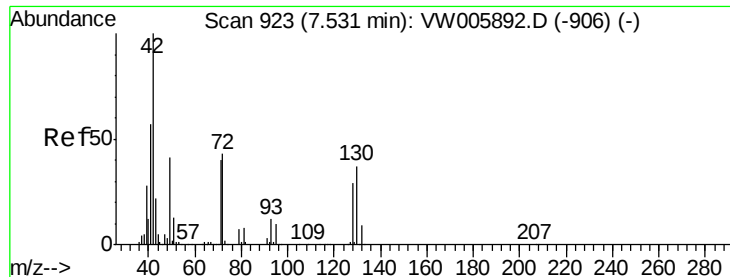


#28

Bromochloromethane
Concen: 19.24 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	89.5	66.9	100.3





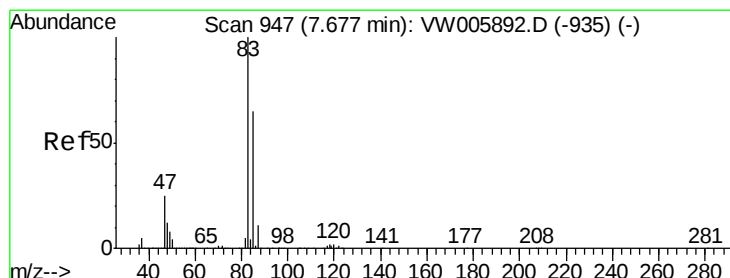
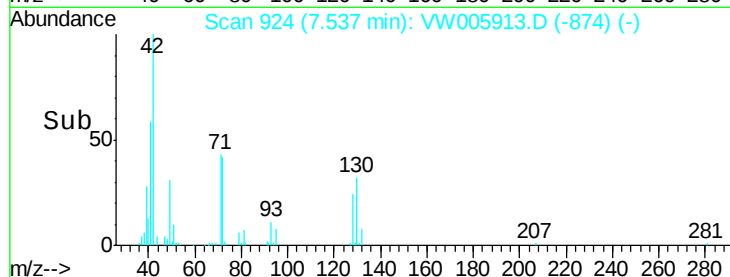
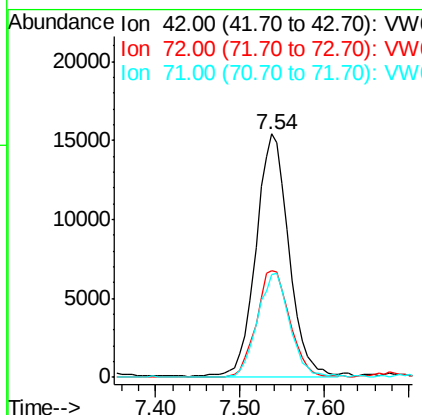
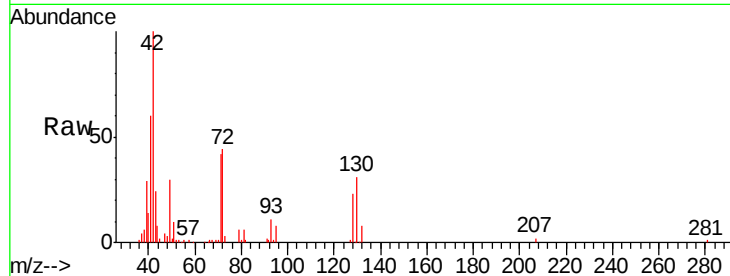
#29
Tetrahydrofuran
Concen: 88.26 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.6	51.8
71	42.5	32.6	49.0

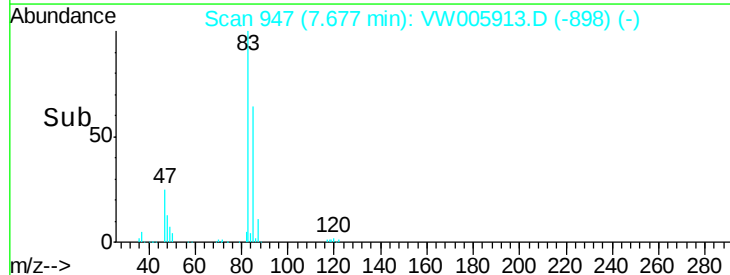
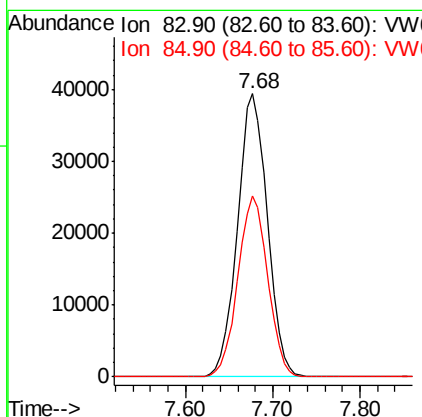
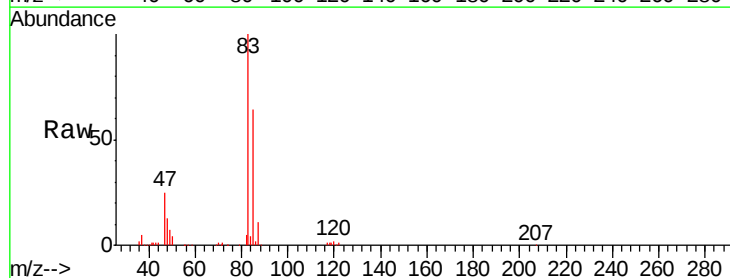
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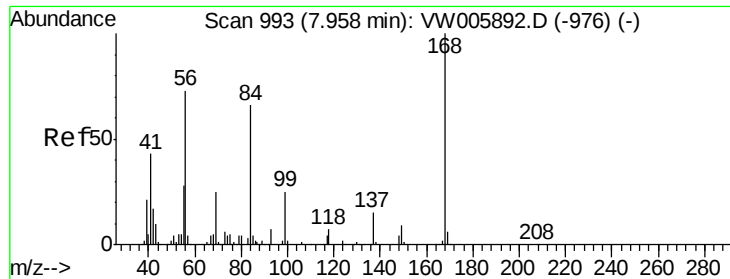
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#30
Chloroform
Concen: 19.90 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.6	77.4





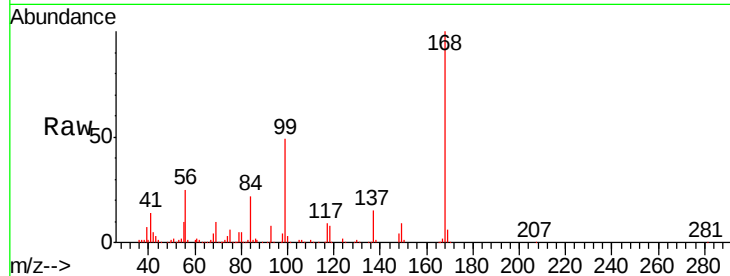
#31
Cyclohexane
Concen: 17.06 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

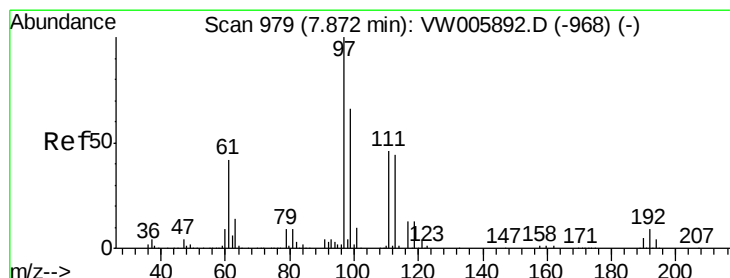
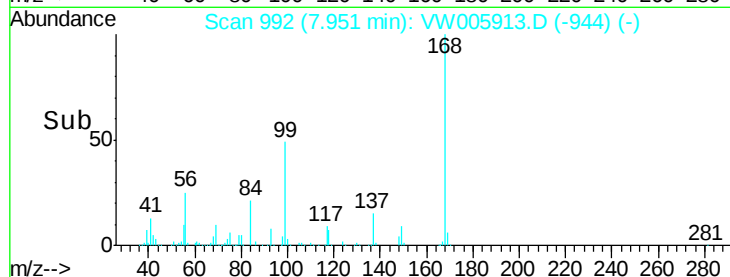
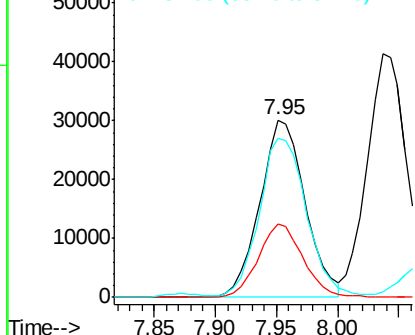
Tgt Ion	Ratio	Lower	Upper
56	100		
69	41.1	27.9	41.9
84	88.7	72.3	108.5

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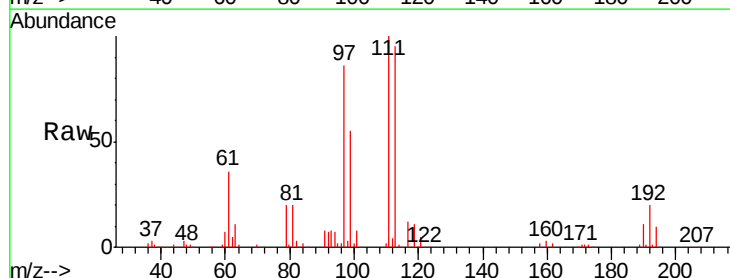


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

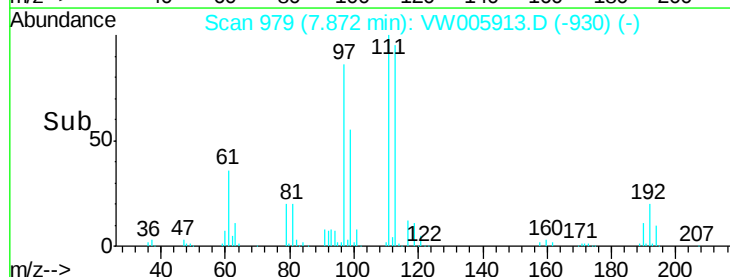
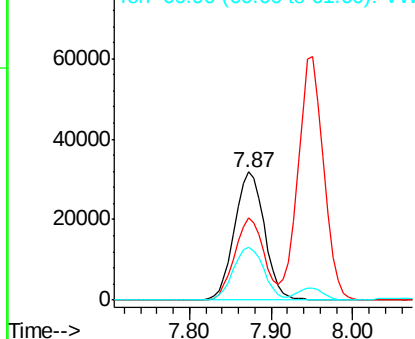


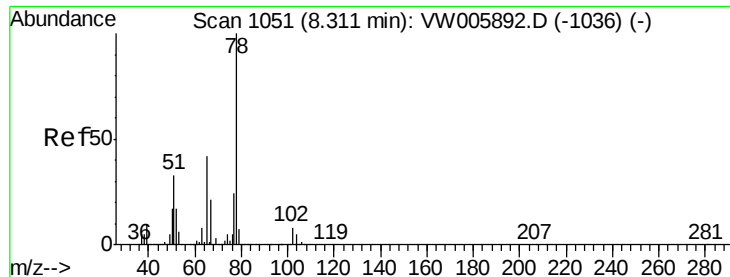
#32
1,1,1-Trichloroethane
Concen: 19.31 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.6	77.4
61	42.6	34.5	51.7



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





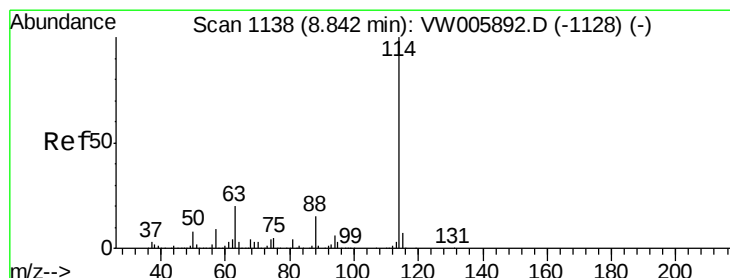
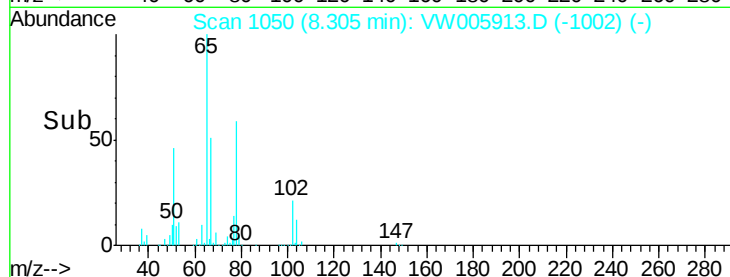
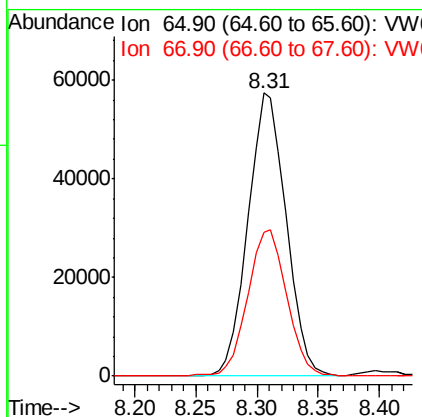
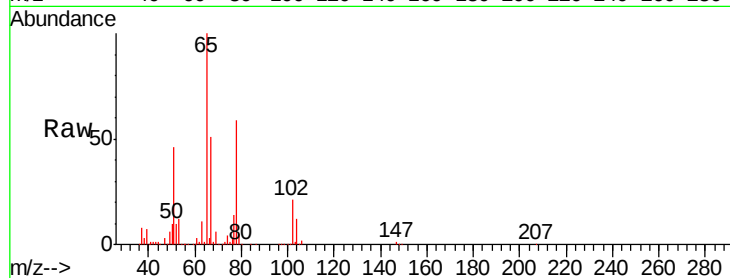
#33
 1,2-Dichloroethane-d4
 Concen: 48.20 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	124619		
67	53.0	0.0	104.6	

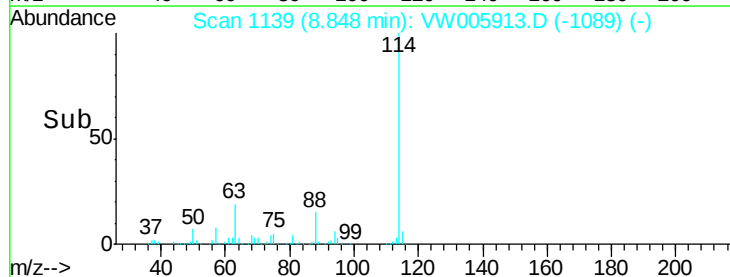
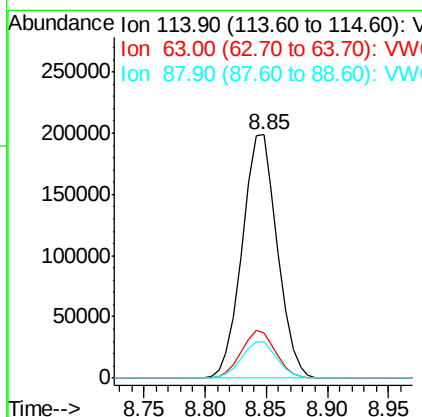
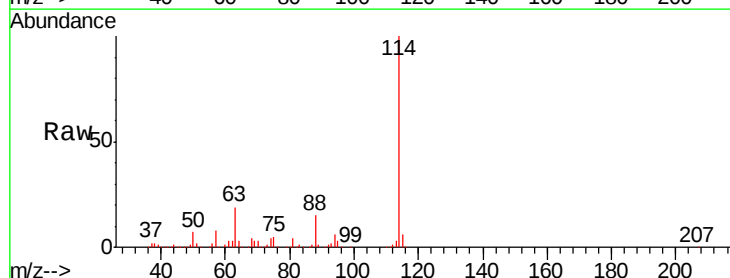
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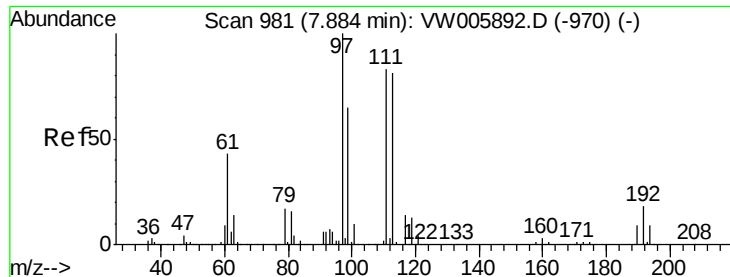
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	396628		
63	18.6	0.0	39.2	
88	14.7	0.0	30.8	





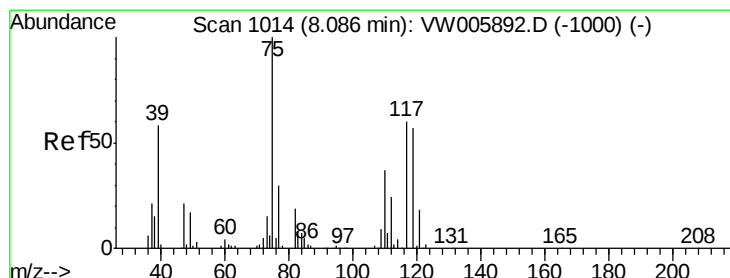
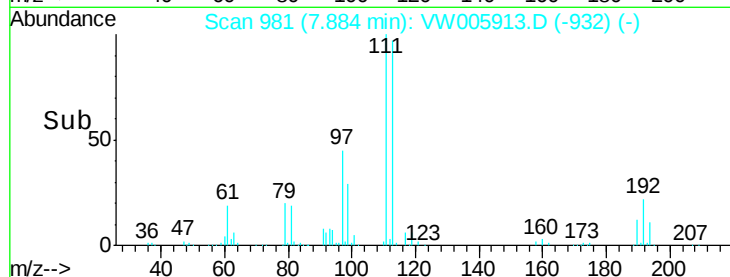
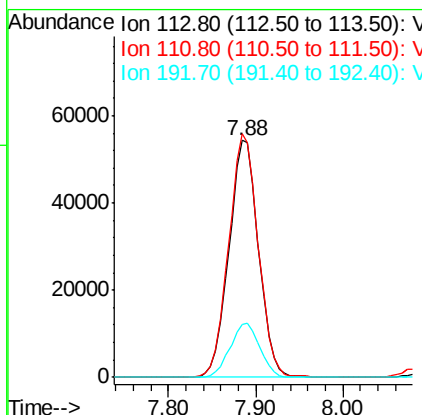
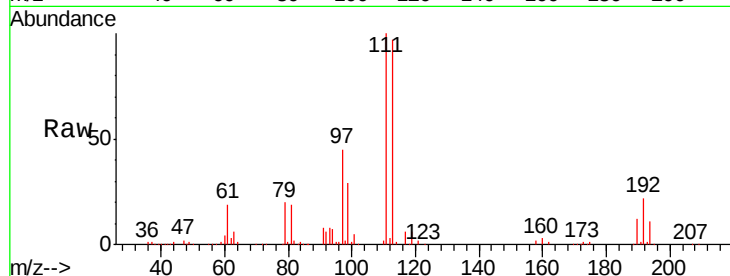
#35
 Dibromofluoromethane
 Concen: 50.45 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	127767		
111	102.4	82.0	123.0	
192	22.8	18.3	27.5	

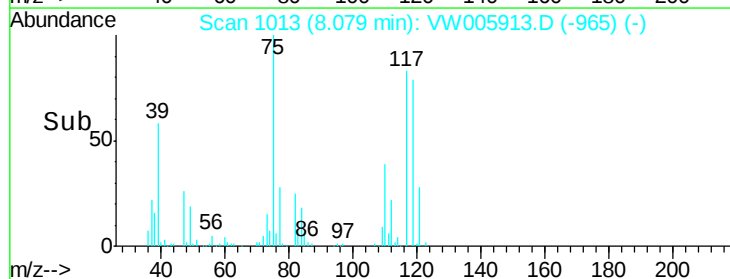
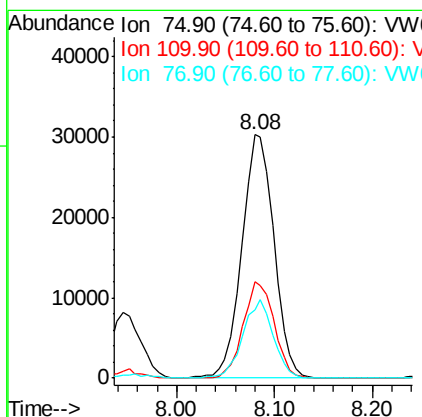
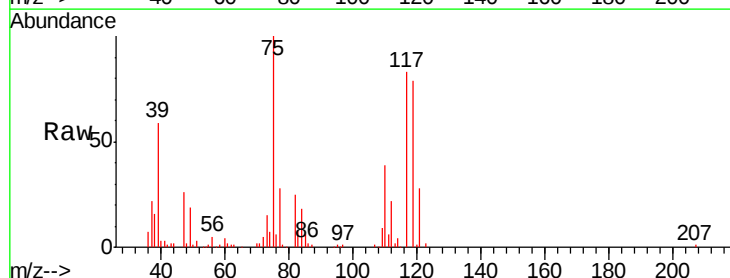
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#36
 1,1-Dichloropropene
 Concen: 18.19 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69135		
110	38.2	18.6	56.0	
77	30.6	24.7	37.1	





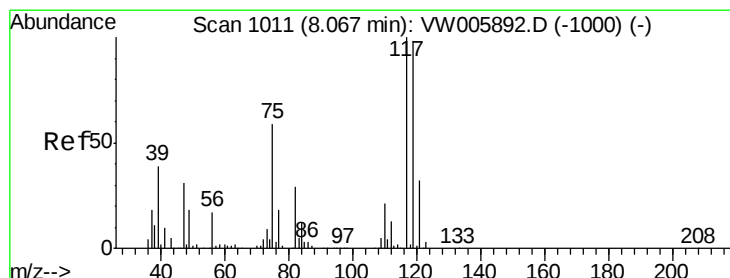
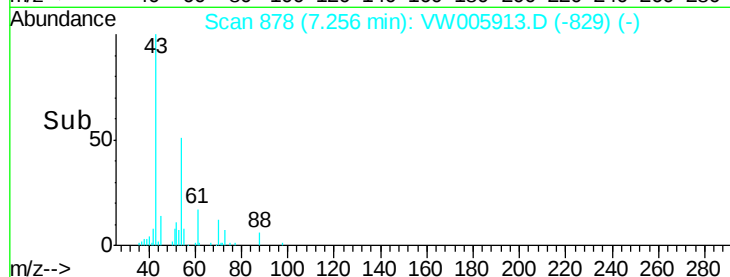
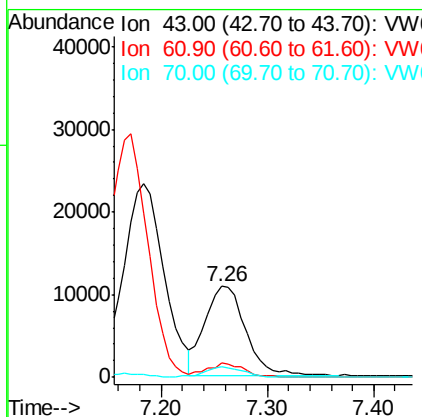
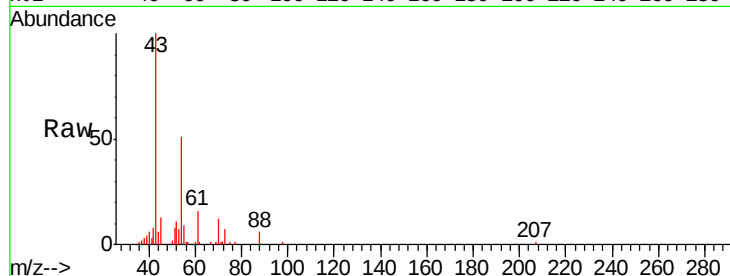
#37
 Ethyl Acetate
 Concen: 17.79 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.6	16.0
70	11.4	8.6	13.0

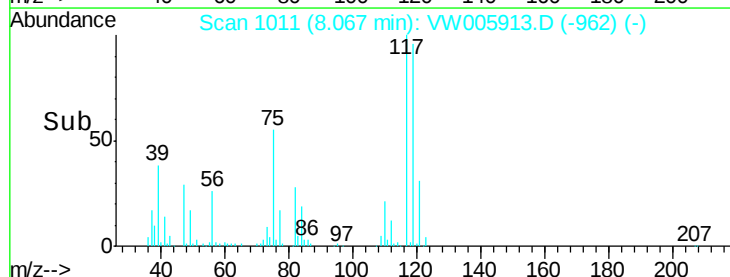
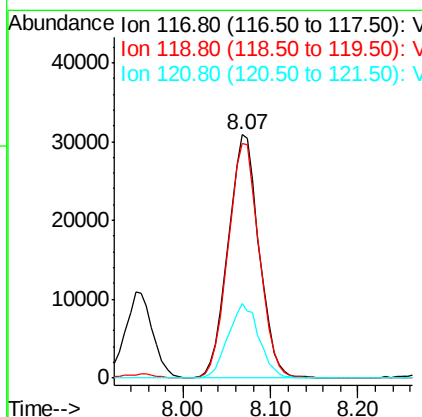
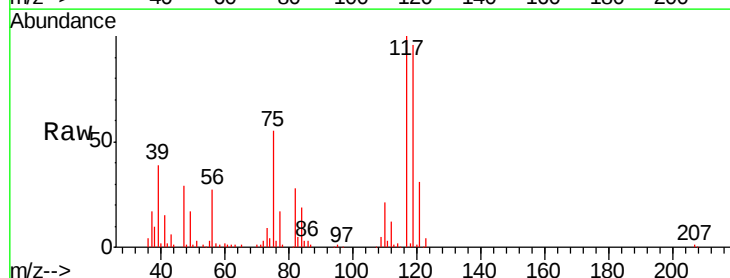
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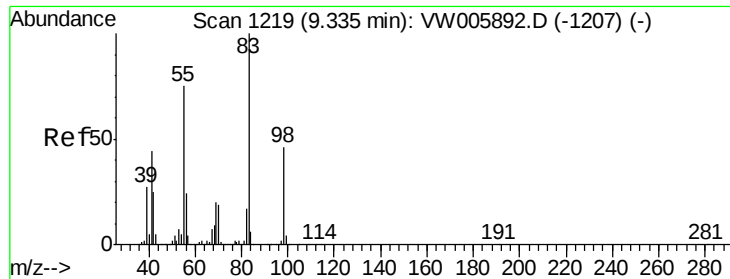
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#38
 Carbon Tetrachloride
 Concen: 18.62 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.6	117.8
121	30.7	25.3	37.9





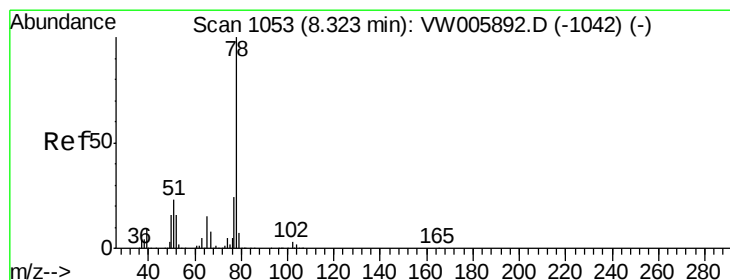
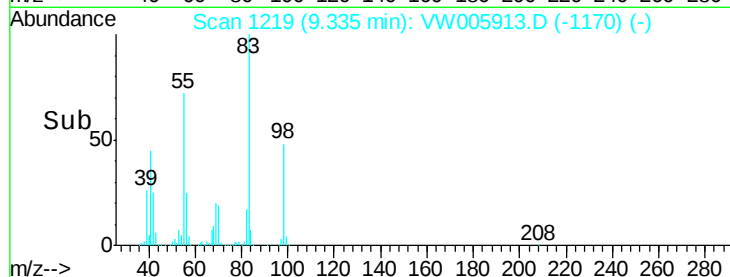
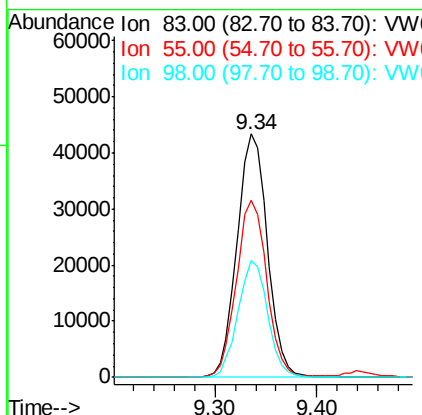
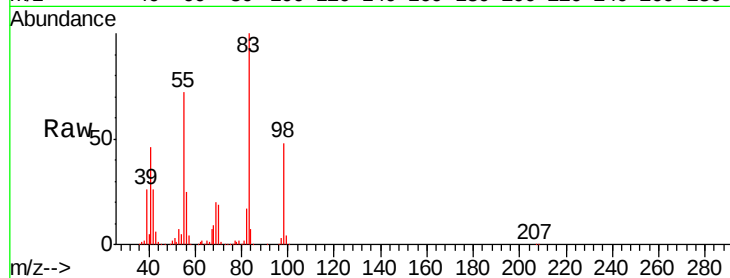
#39
Methylcyclohexane
Concen: 17.87 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.2	59.8	89.6
98	48.2	37.1	55.7

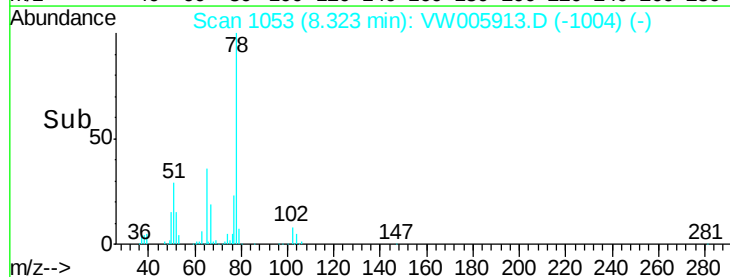
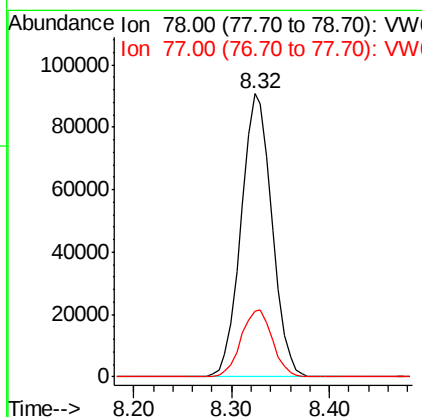
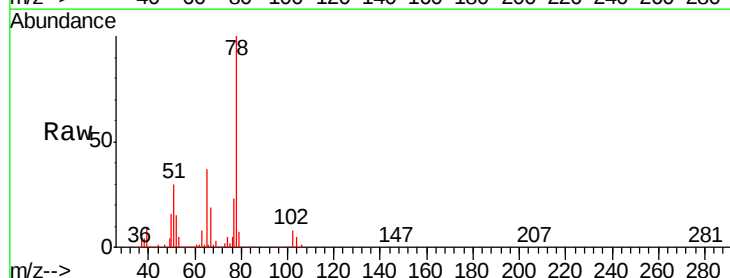
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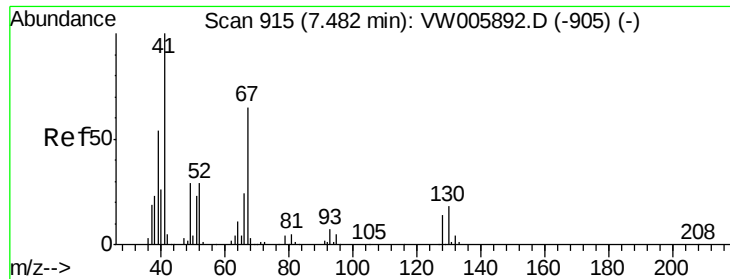
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#40
Benzene
Concen: 19.04 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





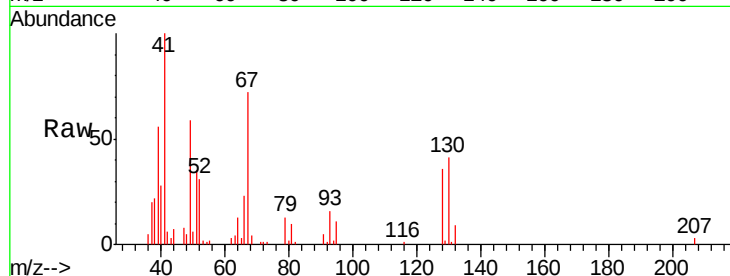
#41
Methacrylonitrile
Concen: 17.86 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

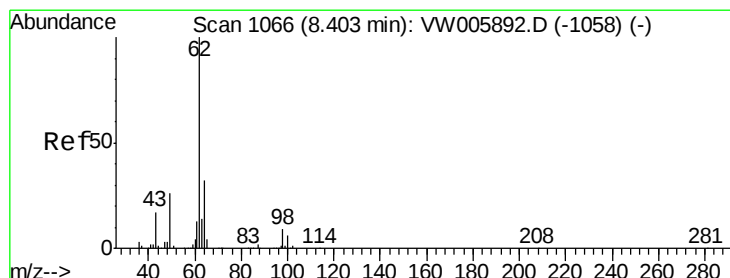
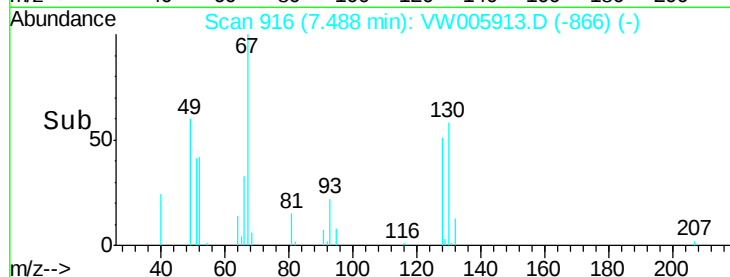
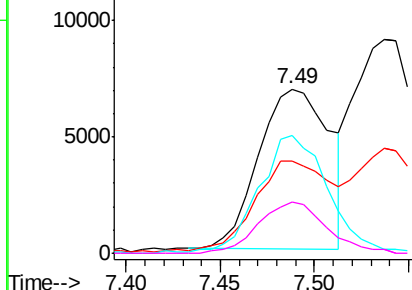
Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	45.0	67.4
67	72.1	55.8	83.8
52	30.5	25.3	37.9

Manual Integrations
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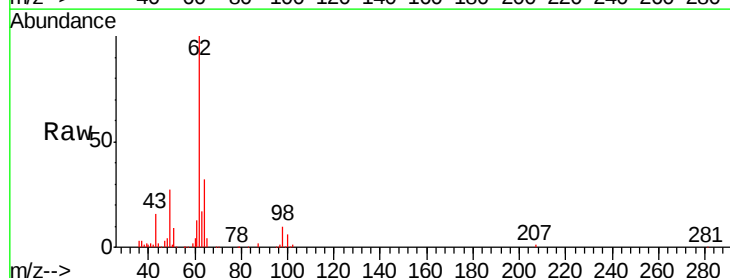


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

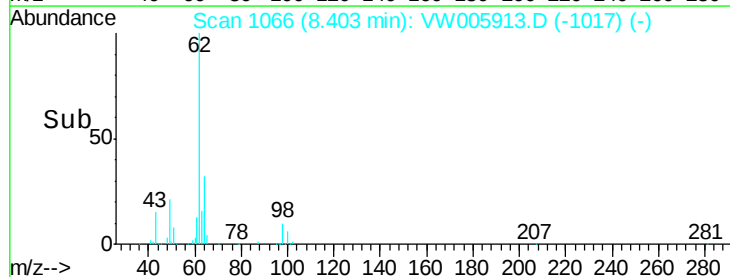
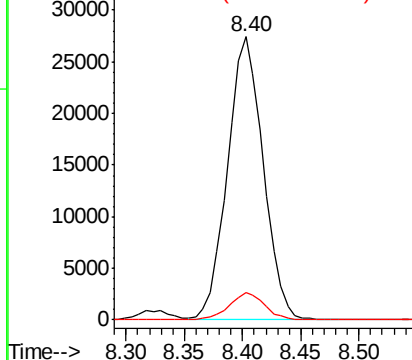


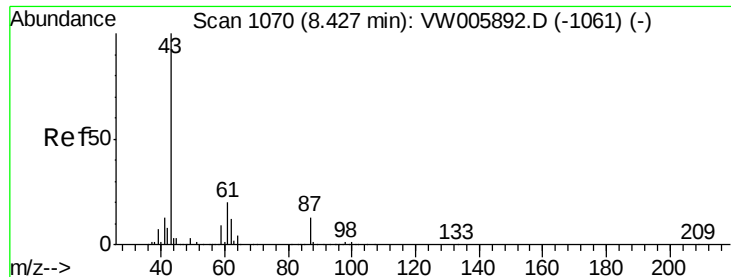
#42
1,2-Dichloroethane
Concen: 18.65 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





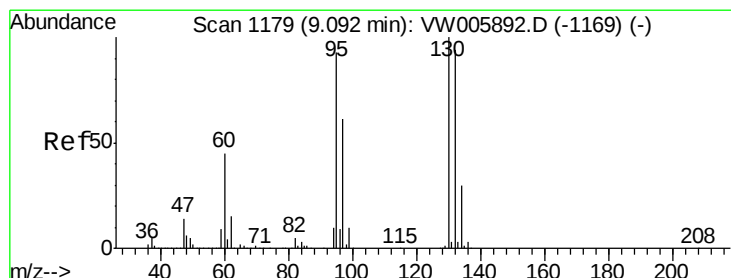
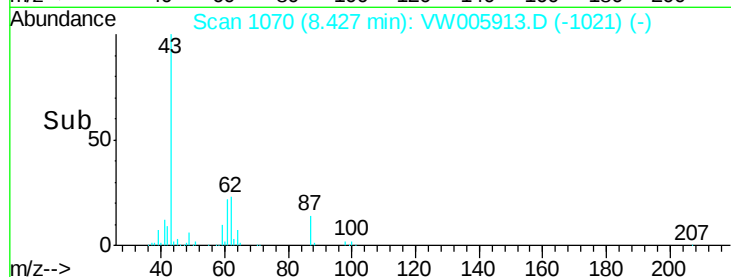
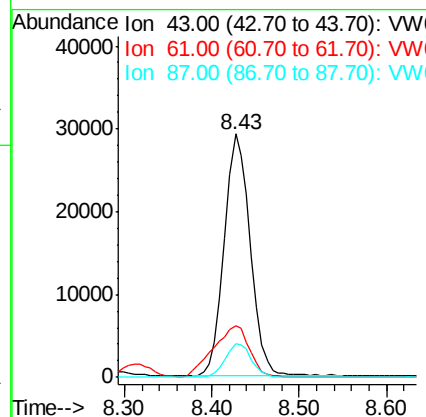
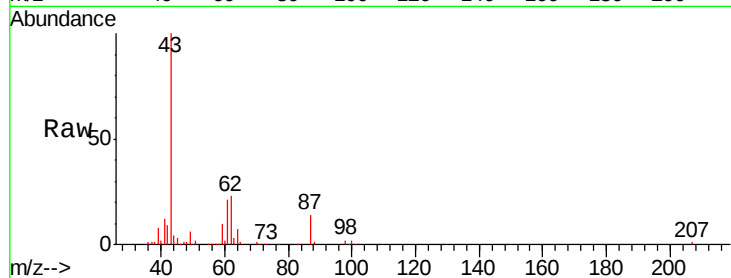
#43
Isopropyl Acetate
Concen: 17.98 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.1	34.7
87	13.8	10.7	16.1

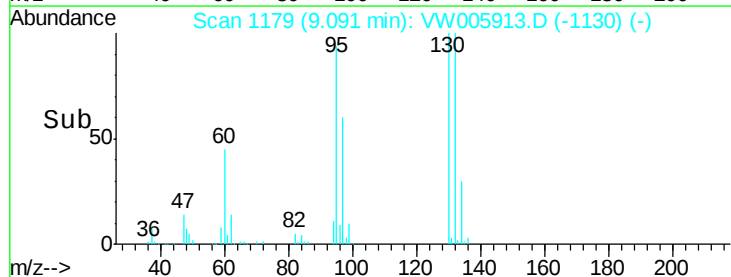
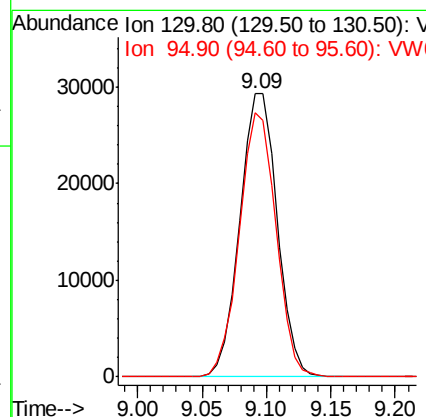
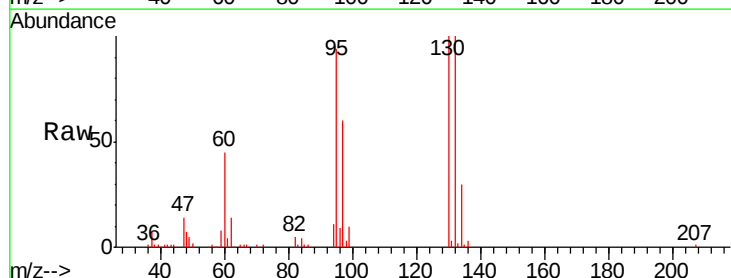
Manual Integrations
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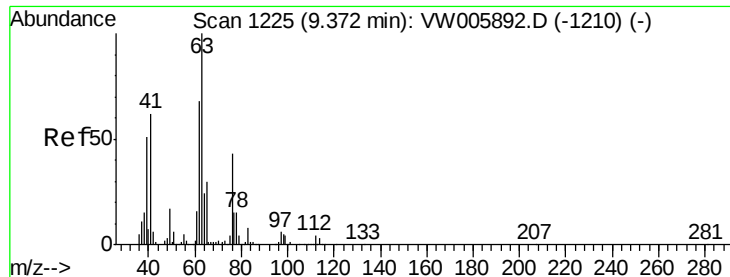
apatel
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#44
Trichloroethene
Concen: 19.49 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.01 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 63 Resp: 49486

Ion Ratio Lower Upper

63 100

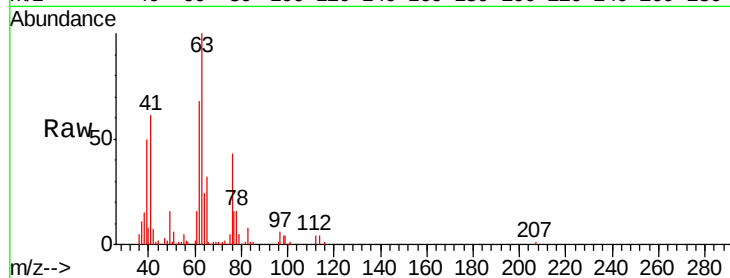
65 31.5 24.3 36.5

Manual Integrations

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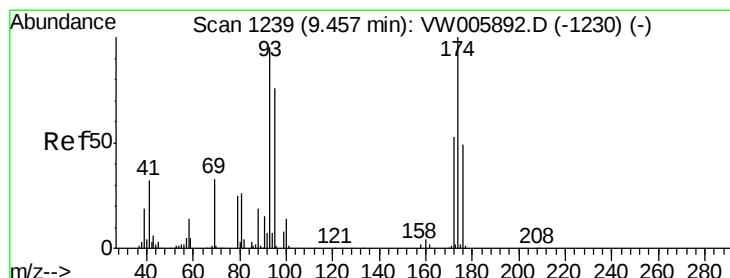
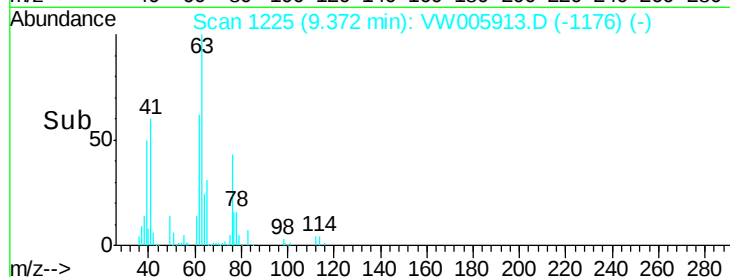
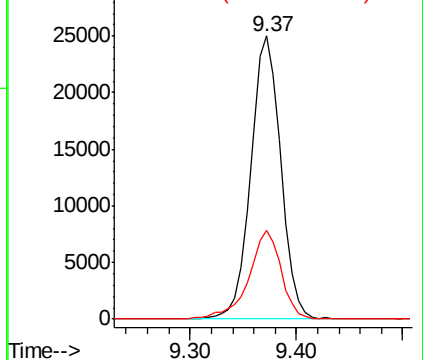
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 18.95 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

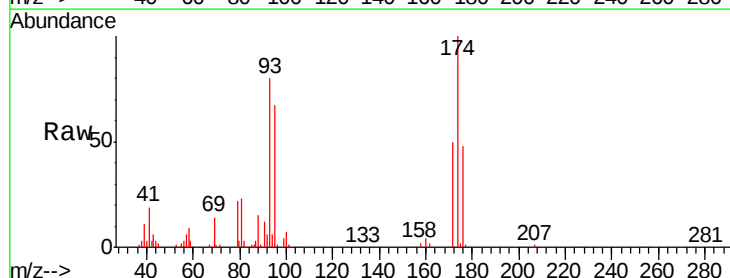
Tgt Ion: 93 Resp: 27115

Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

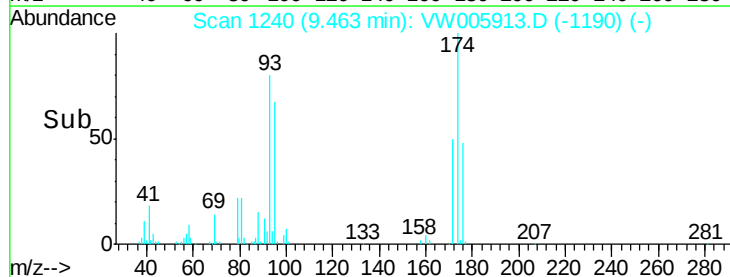
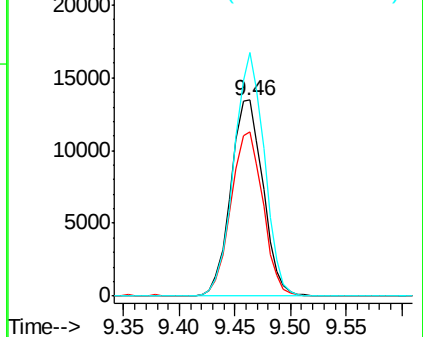
174 116.7 90.4 135.6

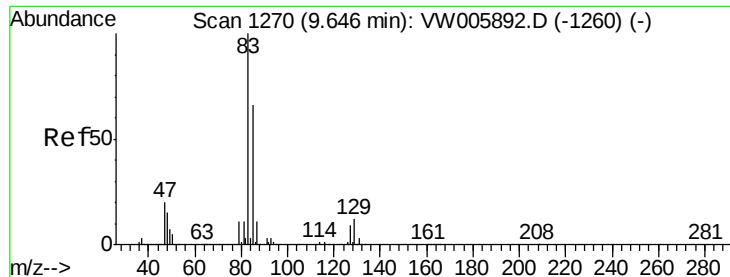


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.05 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

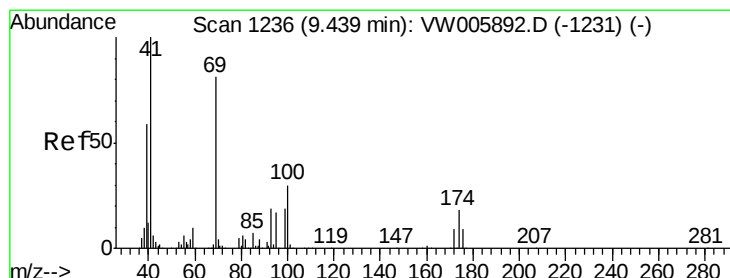
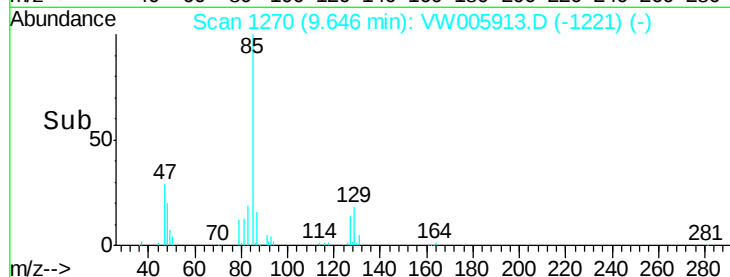
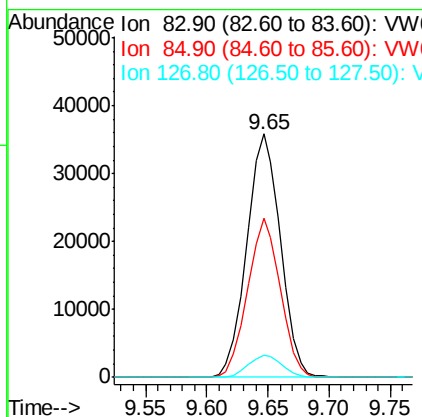
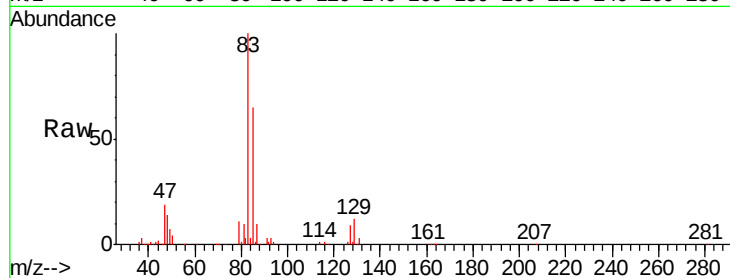
ClientSampleId :

VW1008SBS02

Tgt Ion:	83	Resp:	68616
Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.0	79.6
127	9.3	7.4	11.0

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#48

Methyl methacrylate

Concen: 17.80 ug/l

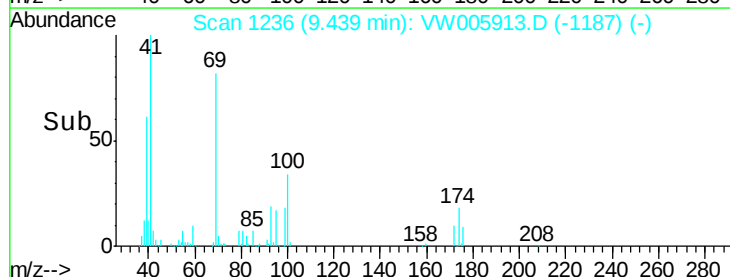
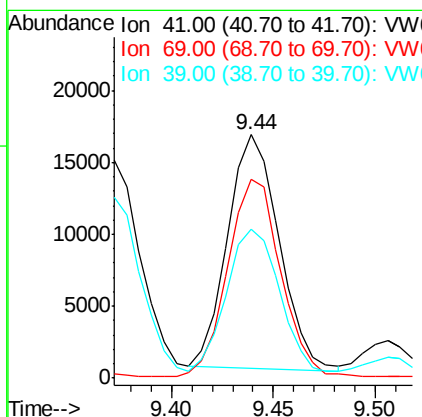
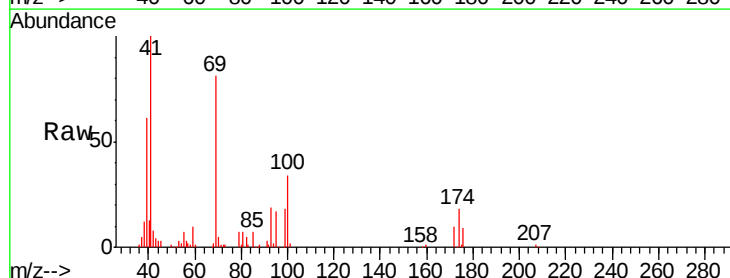
RT: 9.44 min Scan# 1236

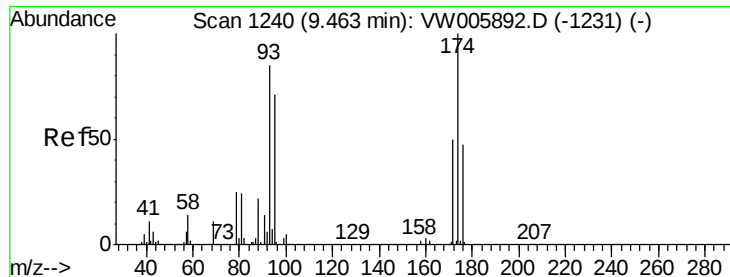
Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:	41	Resp:	28509
Ion	Ratio	Lower	Upper
41	100		
69	86.8	68.7	103.1
39	66.8	50.0	75.0





#49

1,4-Dioxane

Concen: 416.40 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

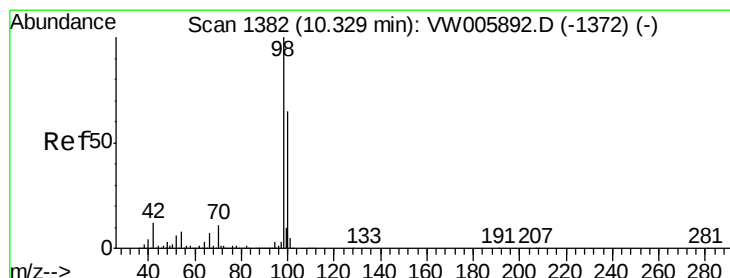
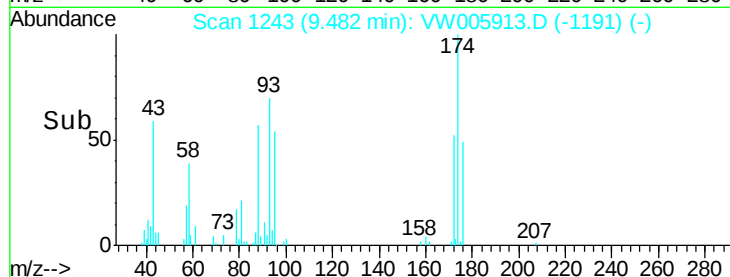
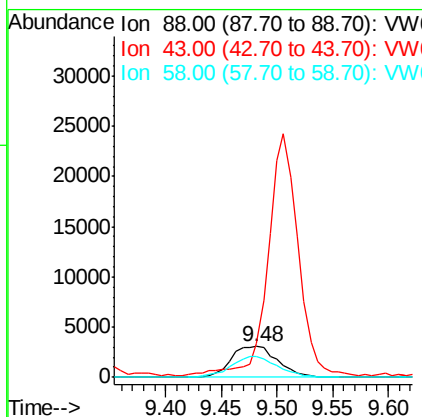
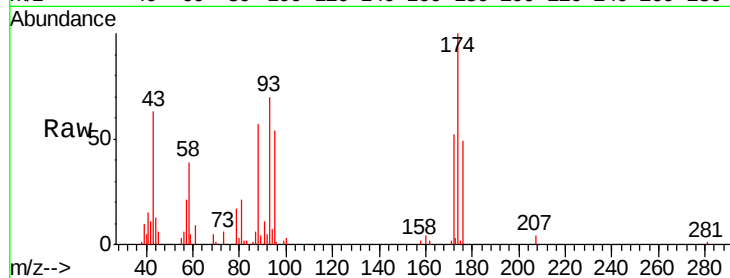
ClientSampleId :

VW1008SBS02

Tgt Ion:	88	Resp:	9051
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.2	57.7	86.5

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#50

Toluene-d8

Concen: 50.73 ug/l

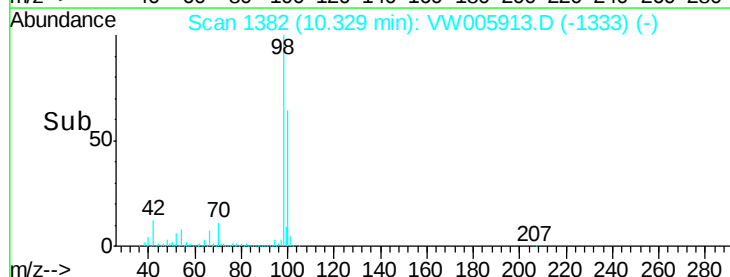
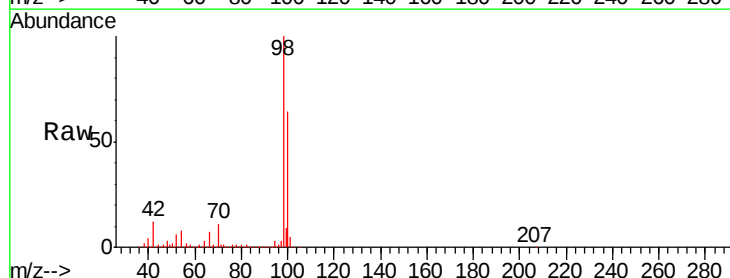
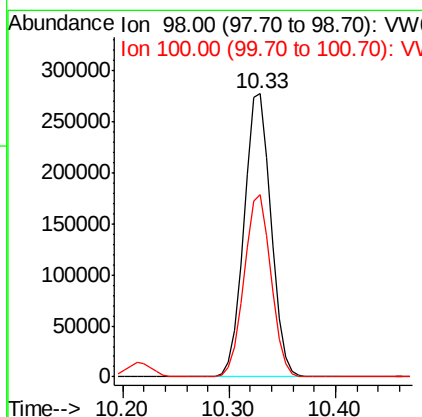
RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:	98	Resp:	494237
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 91.19 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 43 Resp: 149282
Ion Ratio Lower Upper

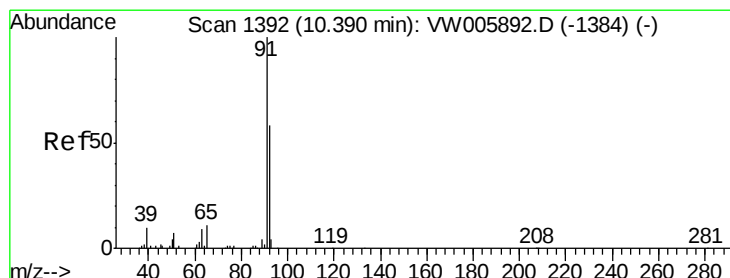
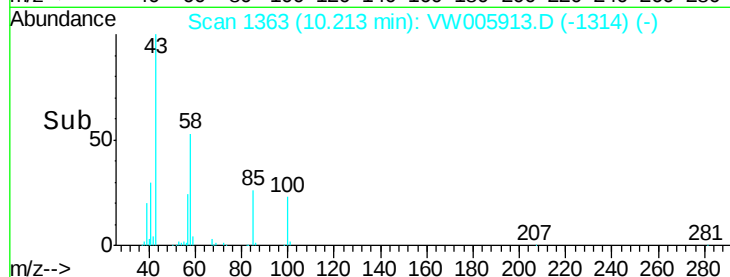
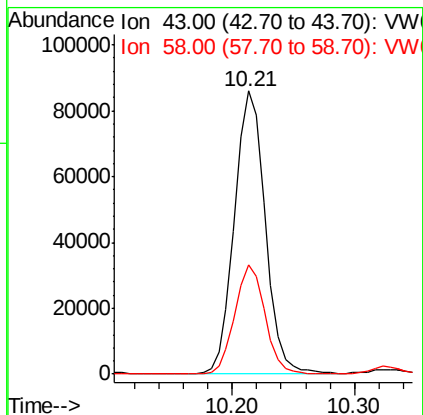
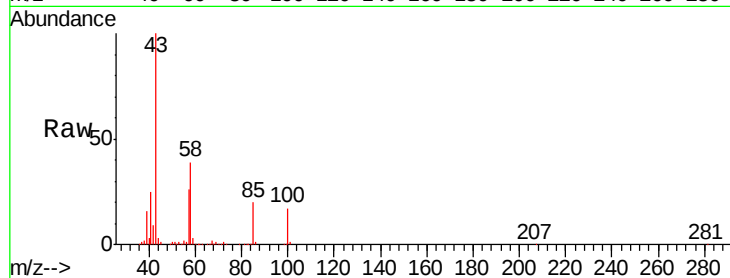
43 100

58 38.1 30.2 45.4

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#52

Toluene

Concen: 19.19 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

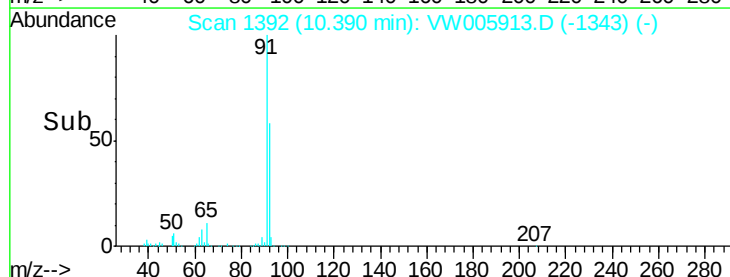
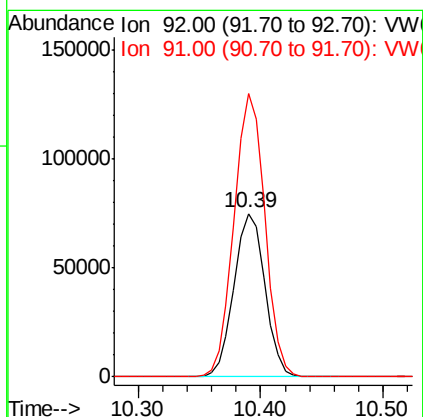
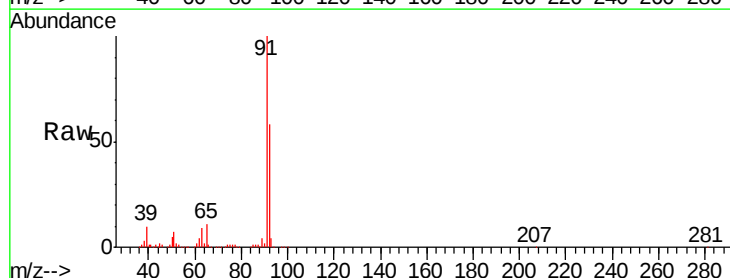
Lab File: VW005913.D

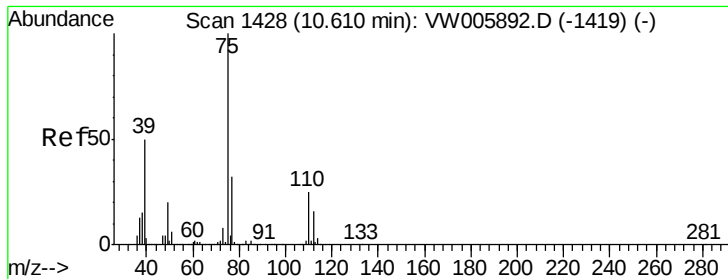
Acq: 09 Oct 2018 01:02

Tgt Ion: 92 Resp: 131129
Ion Ratio Lower Upper

92 100

91 172.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.89 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

Tgt Ion: 75 Resp: 67312

Ion Ratio Lower Upper

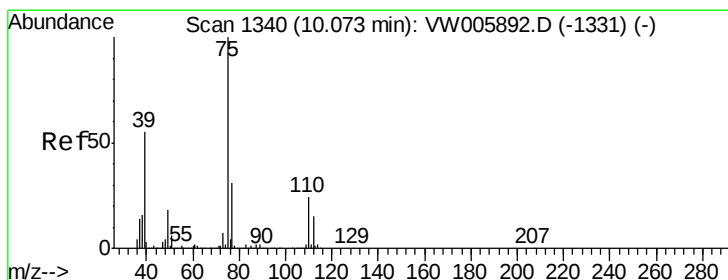
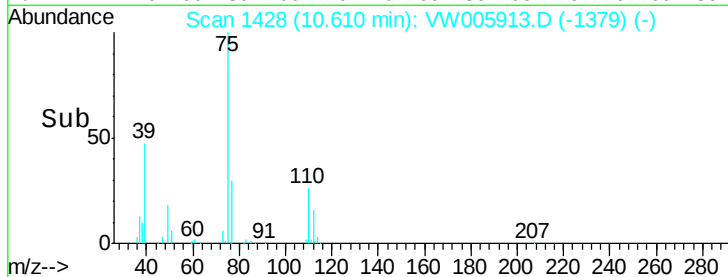
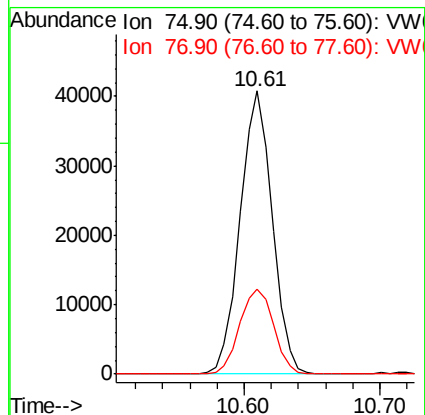
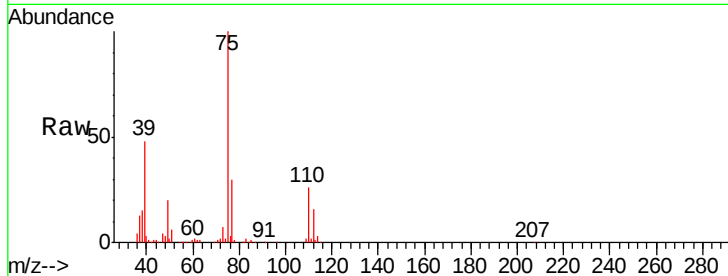
75 100

77 29.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 18.07 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

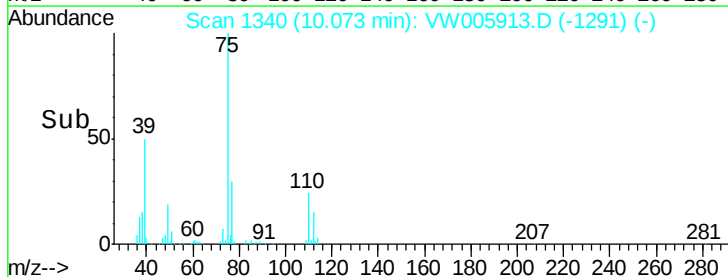
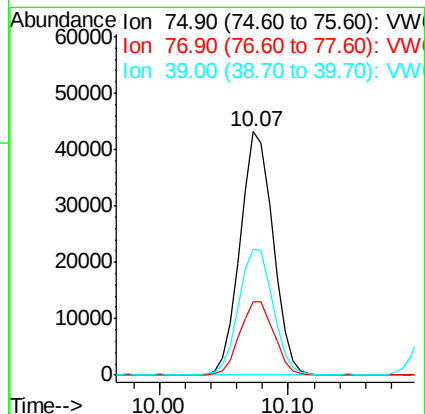
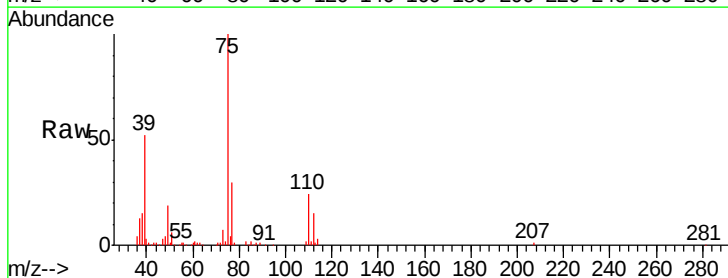
Tgt Ion: 75 Resp: 76459

Ion Ratio Lower Upper

75 100

77 30.1 24.6 37.0

39 51.3 44.2 66.4





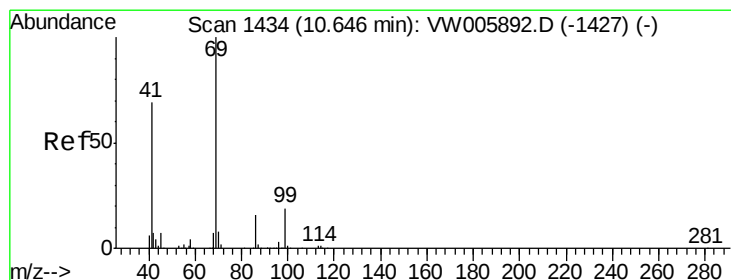
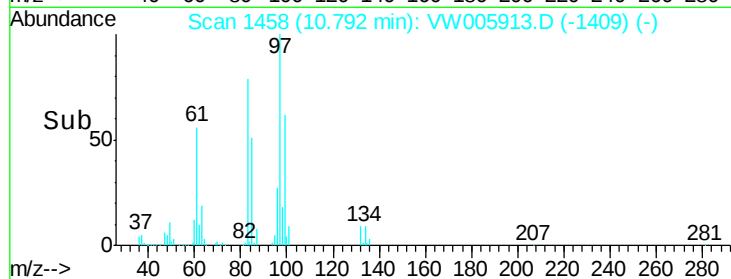
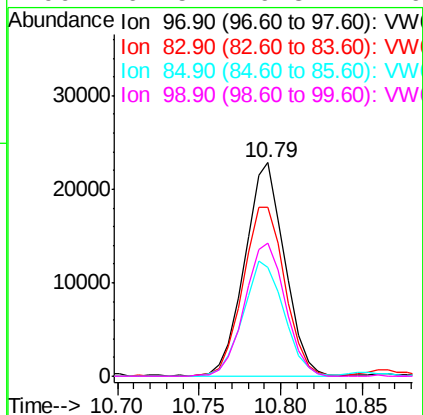
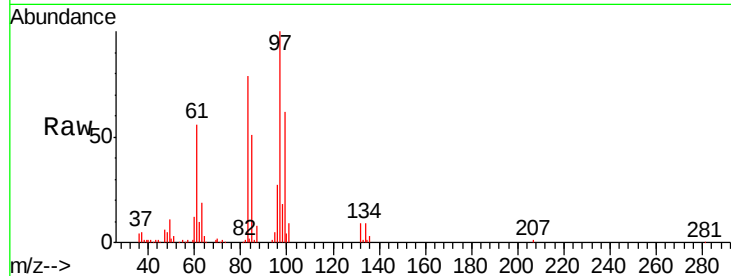
#55
 1,1,2-Trichloroethane
 Concen: 19.42 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.1	66.9	100.3
85	51.2	43.4	65.0
99	62.5	49.8	74.6

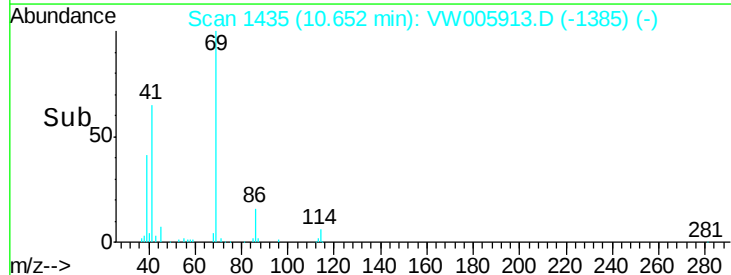
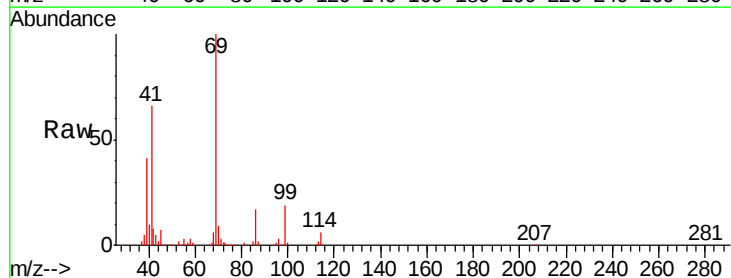
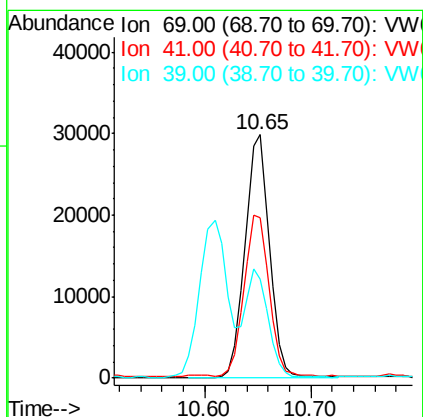
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 18.22 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.0	84.0
39	42.7	33.5	50.3





#57

1,3-Dichloropropane

Concen: 18.87 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 76 Resp: 62925

Ion Ratio Lower Upper

76 100

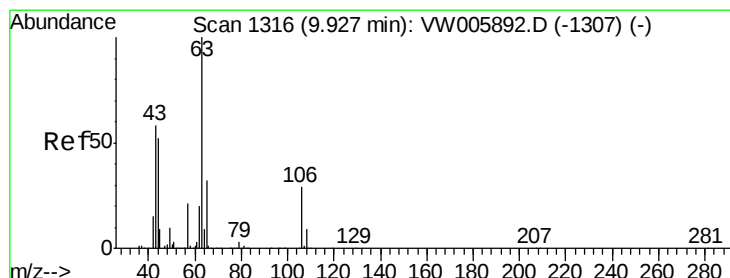
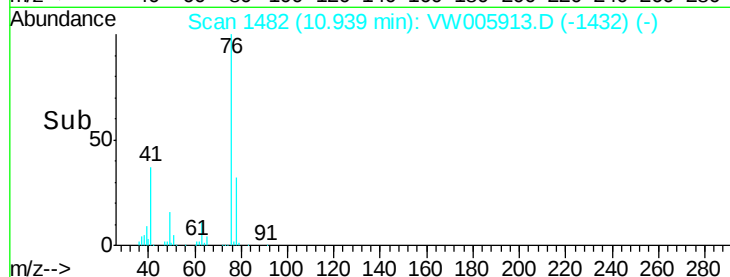
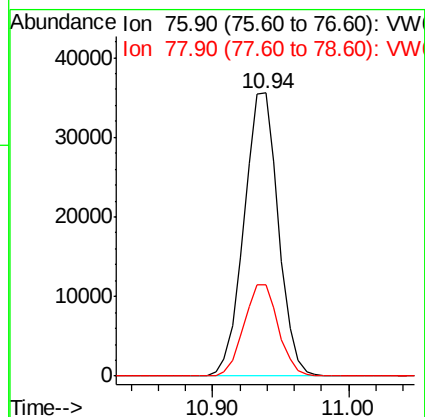
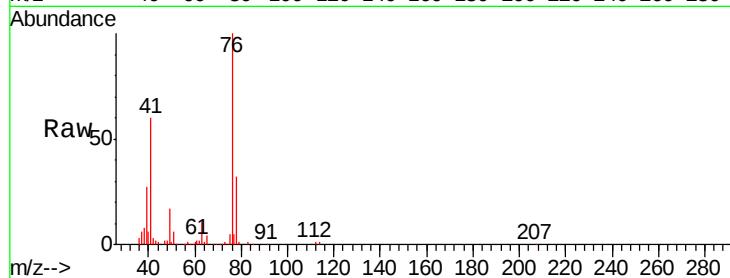
78 32.4 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 95.85 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005913.D

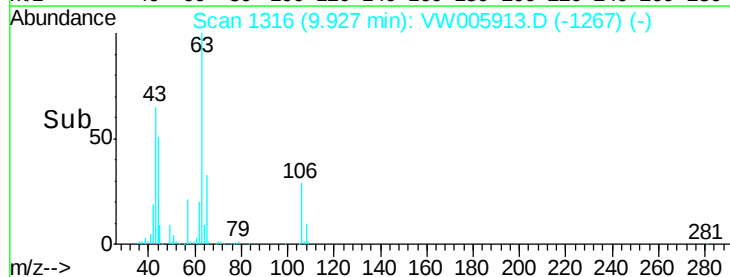
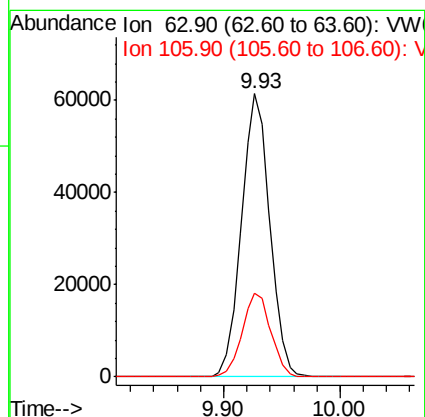
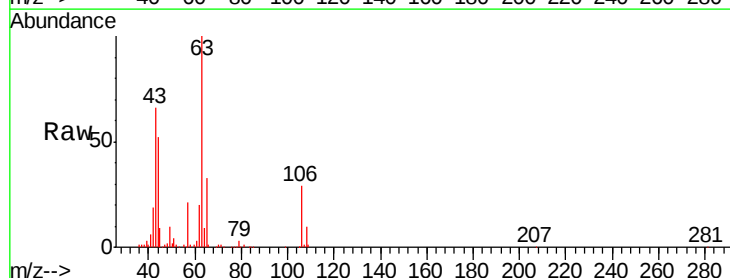
Acq: 09 Oct 2018 01:02

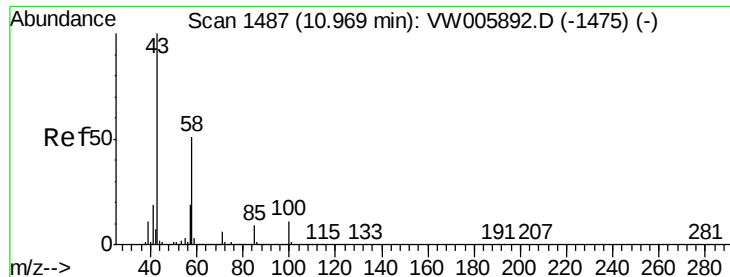
Tgt Ion: 63 Resp: 104185

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4





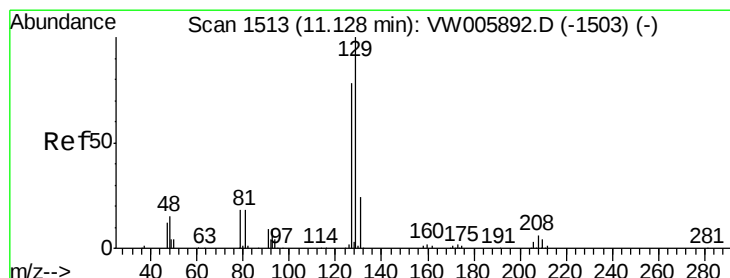
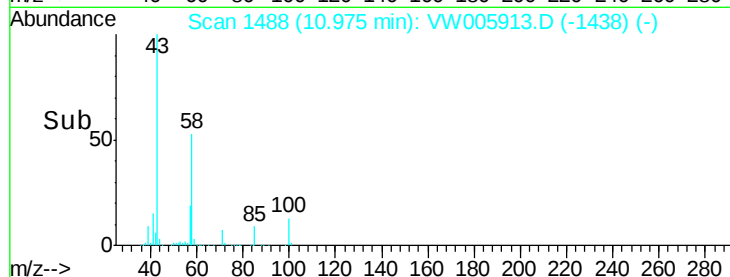
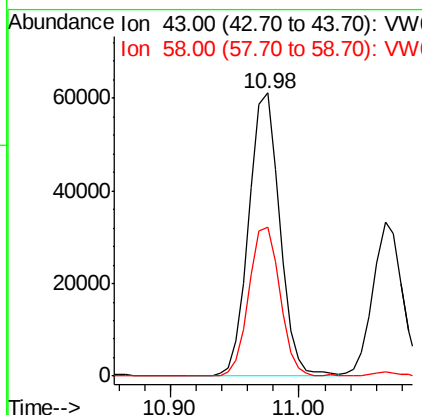
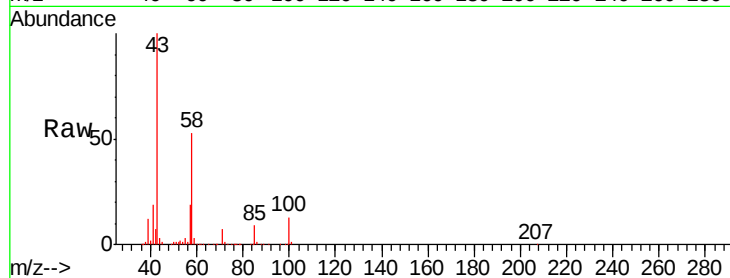
#59
2-Hexanone
Concen: 85.75 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion: 43 Resp: 100662
Ion Ratio Lower Upper
43 100
58 53.2 25.7 77.1

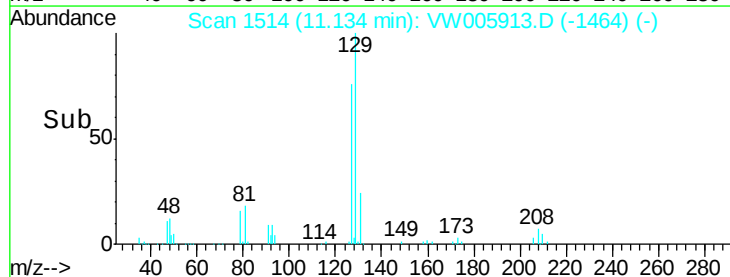
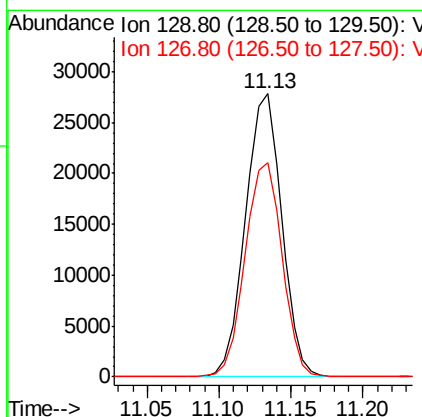
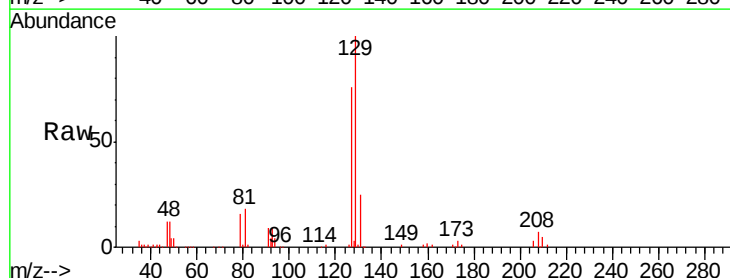
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#60
Dibromochloromethane
Concen: 19.03 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 129 Resp: 48671
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





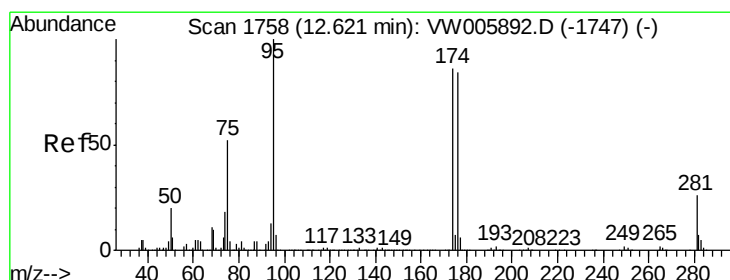
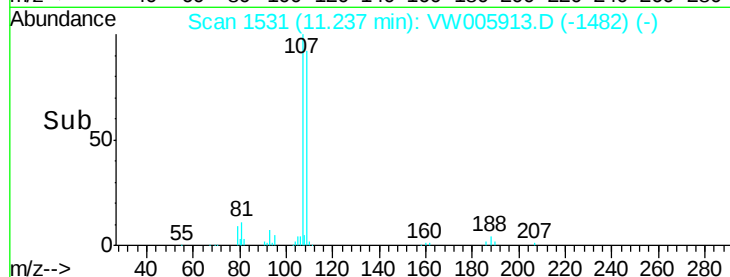
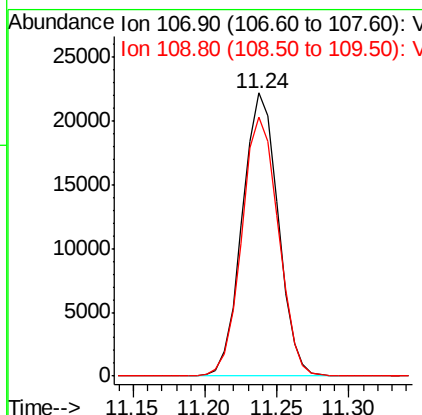
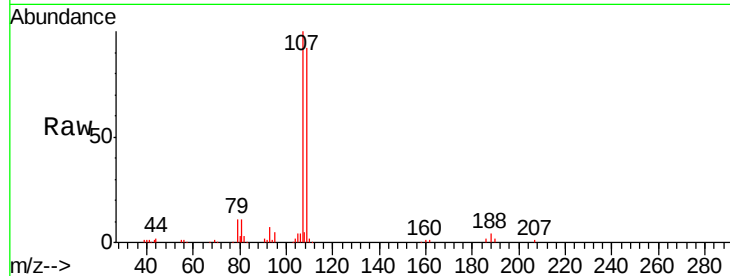
#61
 1,2-Dibromoethane
 Concen: 19.32 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion: 107 Resp: 38262
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.8 113.8

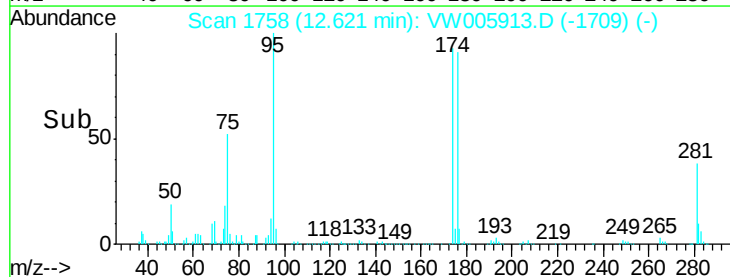
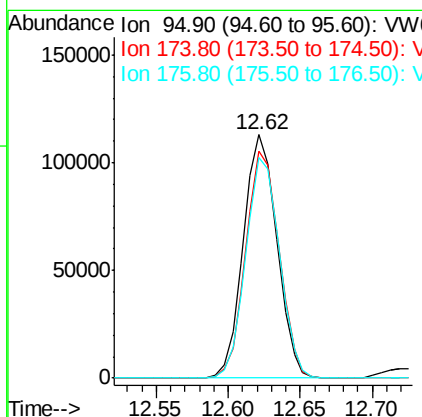
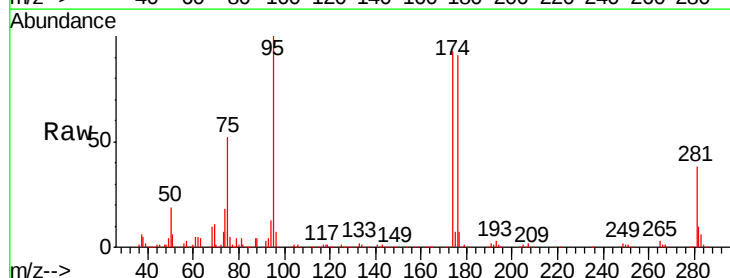
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 49.18 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 95 Resp: 182283
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 176.4
 176 90.5 0.0 173.0





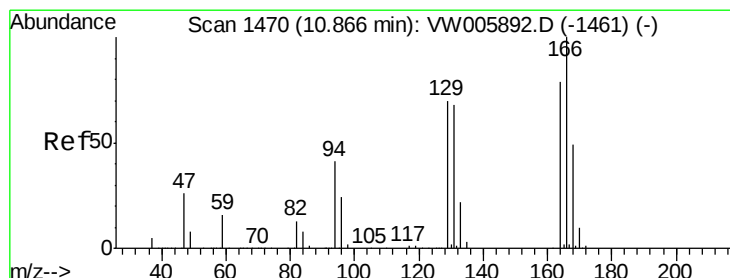
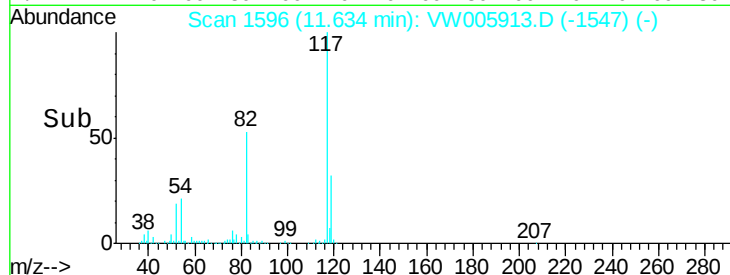
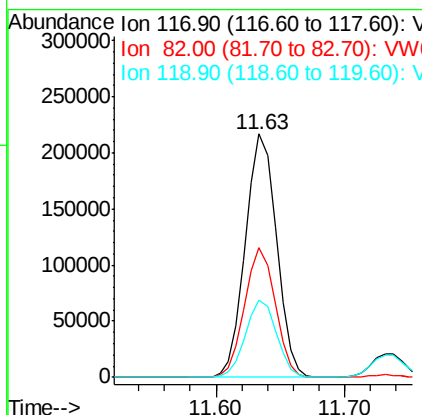
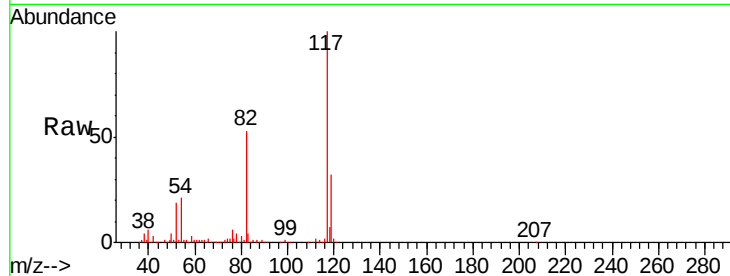
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.5	65.3
119	31.9	25.4	38.2

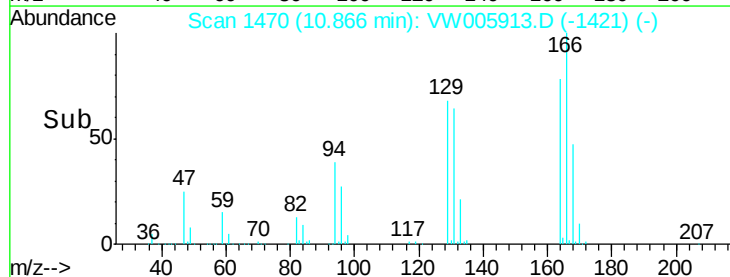
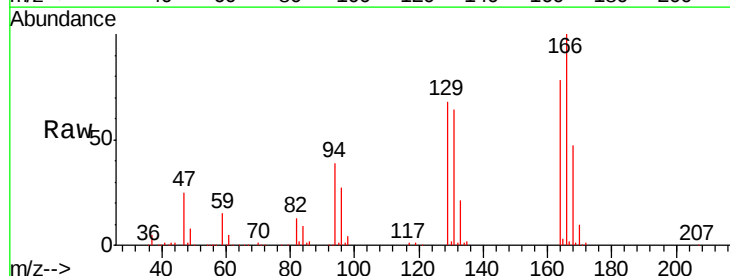
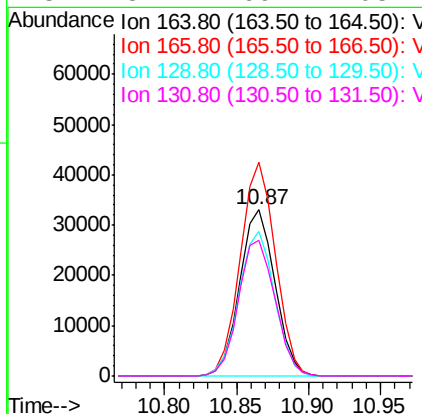
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.77 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	101.5	152.3
129	87.4	71.1	106.7
131	82.1	69.1	103.7





#65

Chlorobenzene

Concen: 19.44 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion:112 Resp: 150648

Ion Ratio Lower Upper

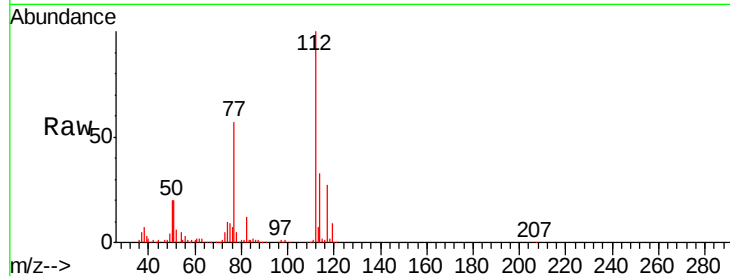
112 100

114 32.6 25.6 38.4

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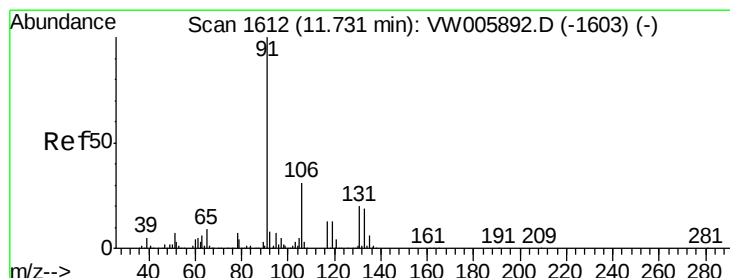
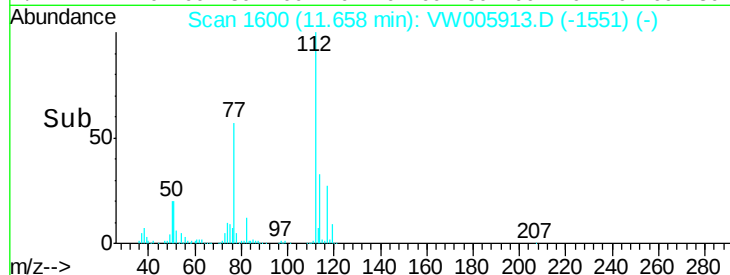
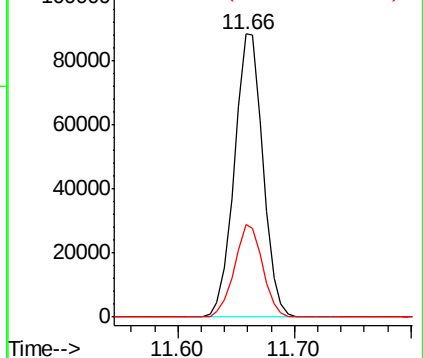
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.30 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

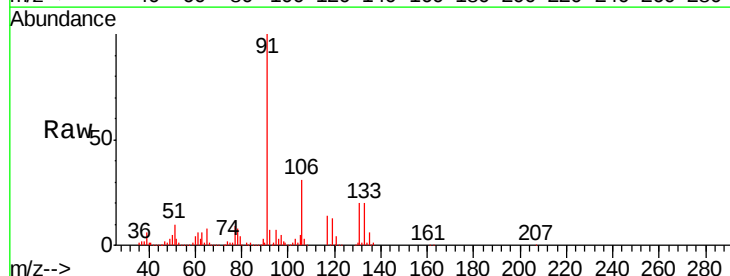
Tgt Ion:131 Resp: 54824

Ion Ratio Lower Upper

131 100

133 97.0 48.2 144.6

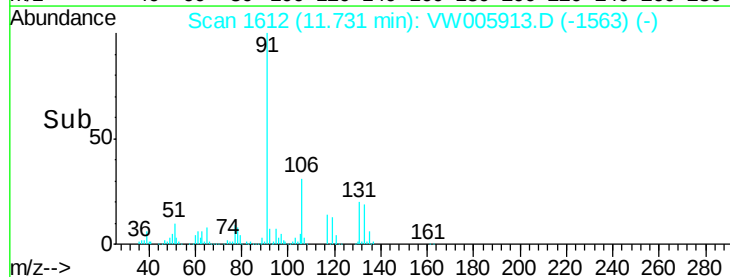
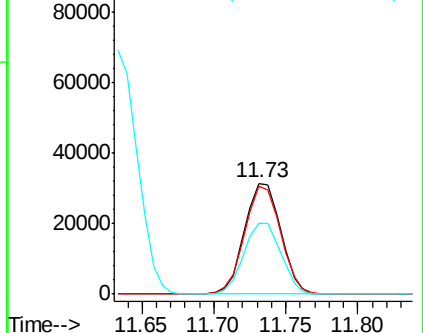
119 65.6 32.5 97.5

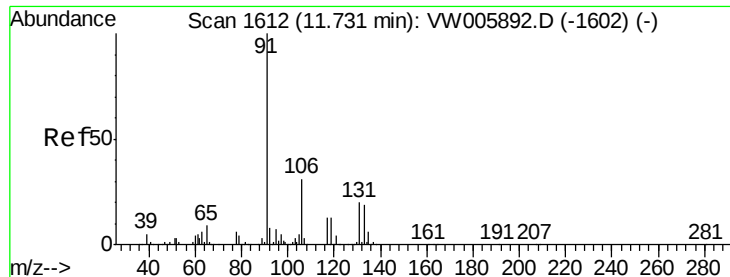


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





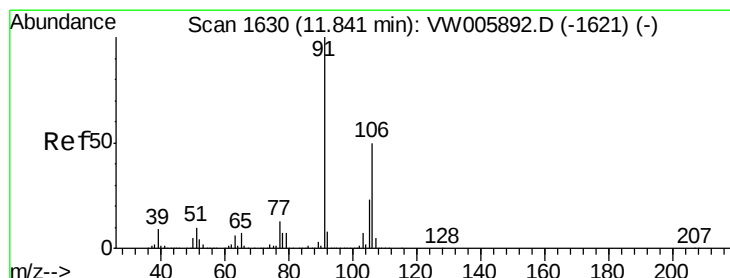
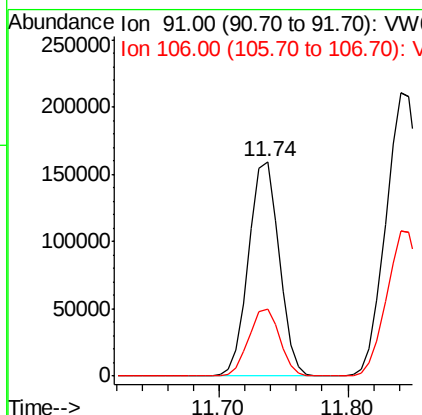
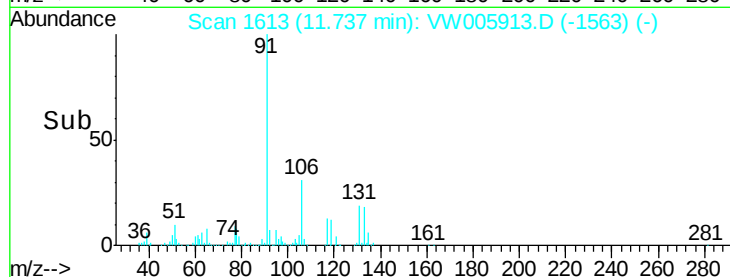
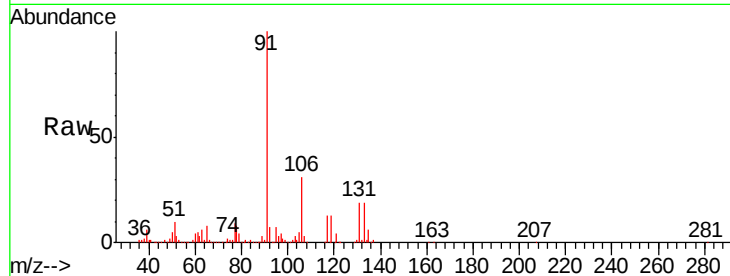
#67
Ethyl Benzene
Concen: 19.08 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion: 91 Resp: 261169
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

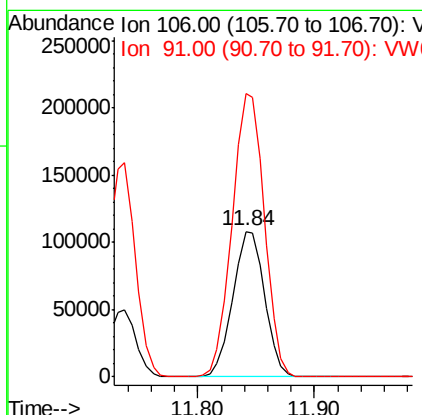
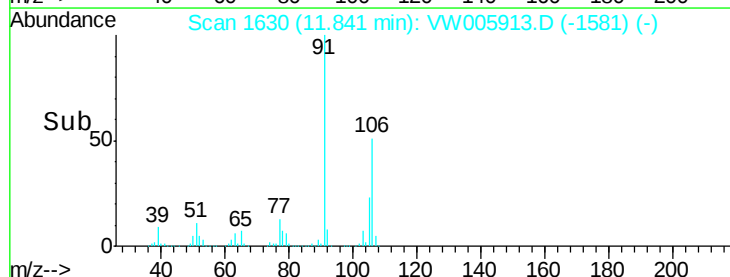
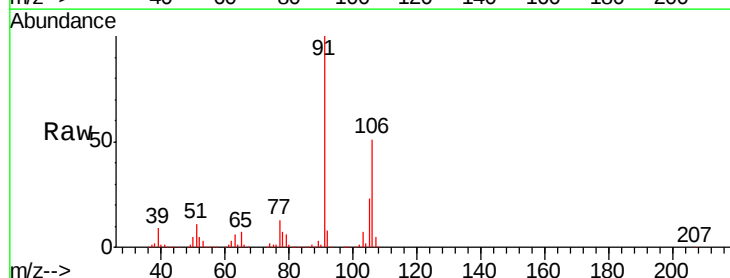
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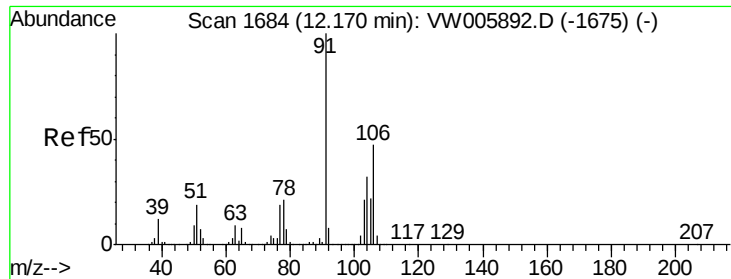
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#68
m/p-Xylenes
Concen: 38.45 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion: 106 Resp: 205729
Ion Ratio Lower Upper
106 100
91 197.2 160.2 240.2





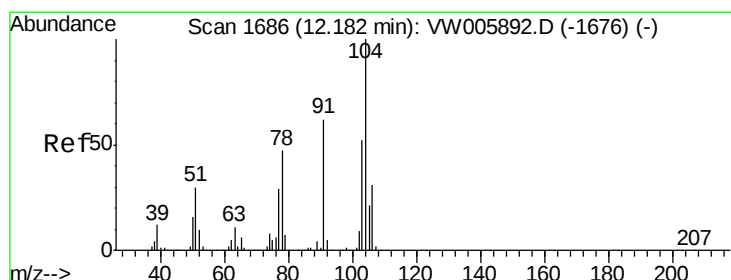
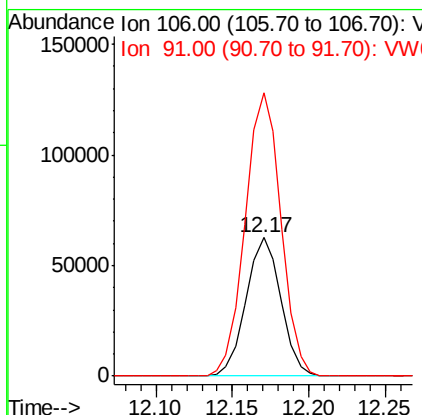
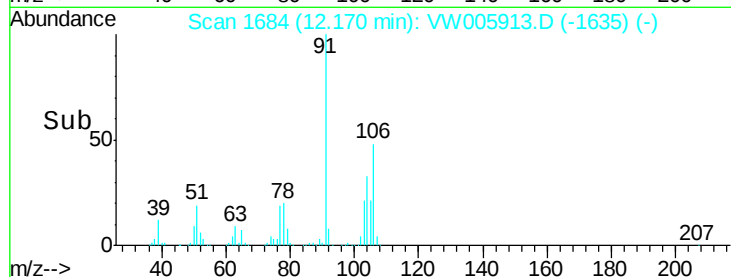
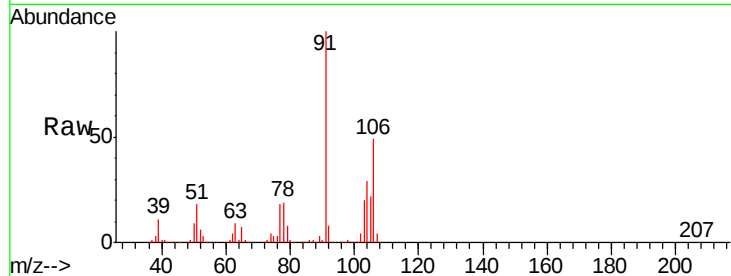
#69
o-Xylene
Concen: 19.41 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion:106 Resp: 99426
Ion Ratio Lower Upper
106 100
91 208.9 106.2 318.5

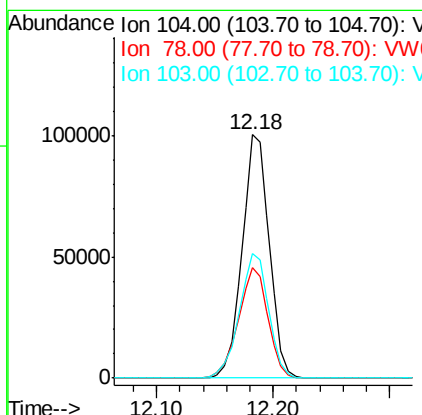
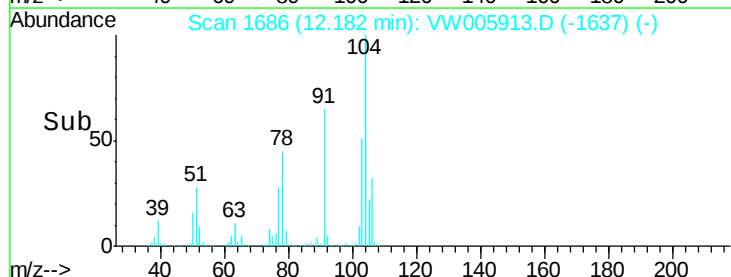
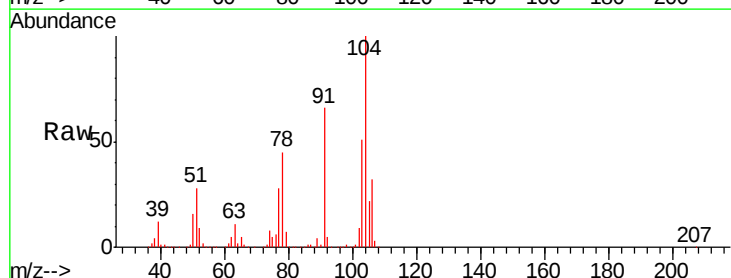
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#70
Styrene
Concen: 19.15 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion:104 Resp: 162755
Ion Ratio Lower Upper
104 100
78 49.5 40.4 60.6
103 55.1 44.2 66.2





#71

Bromoform

Concen: 18.28 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

Tgt Ion:173 Resp: 30931

Ion Ratio Lower Upper

173 100

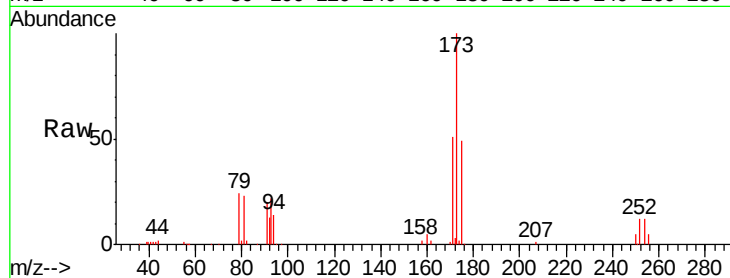
175 50.2 24.7 74.1

254 0.0 0.2 0.2#

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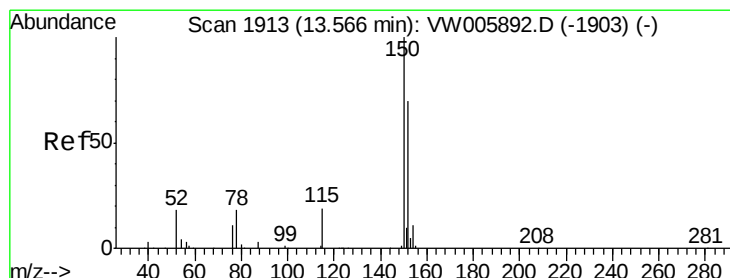
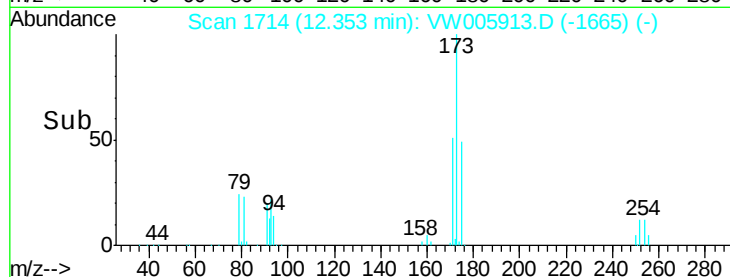
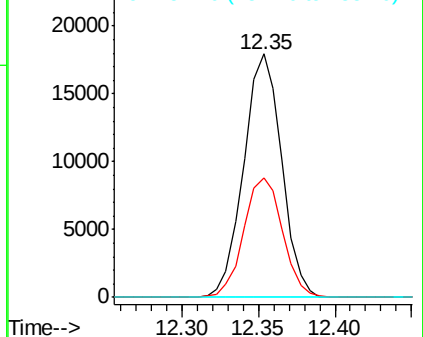
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW005913.D

Acq: 09 Oct 2018 01:02

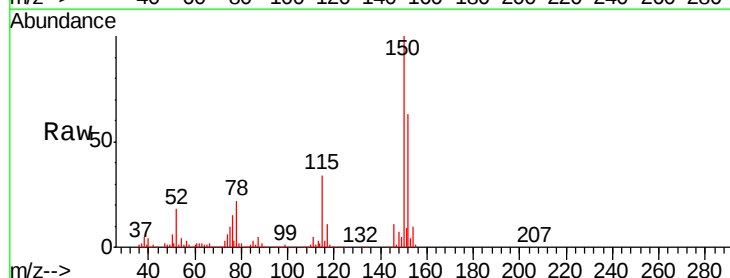
Tgt Ion:152 Resp: 198079

Ion Ratio Lower Upper

152 100

115 54.7 28.3 85.0

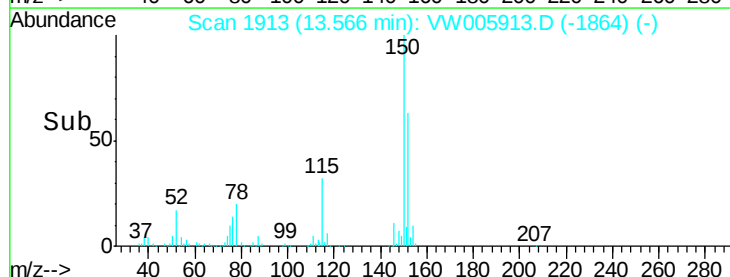
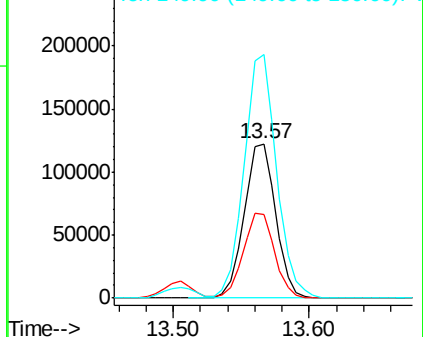
150 162.2 0.0 349.2

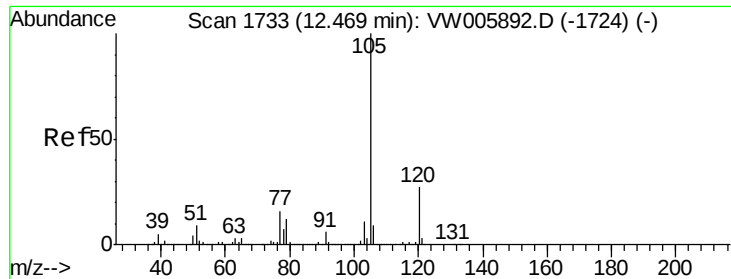


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.79 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 105 Resp: 271779

Ion Ratio Lower Upper

105 100

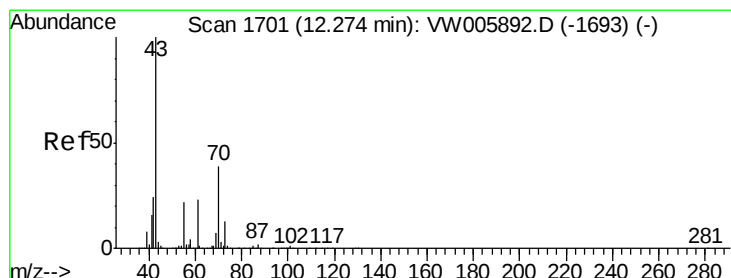
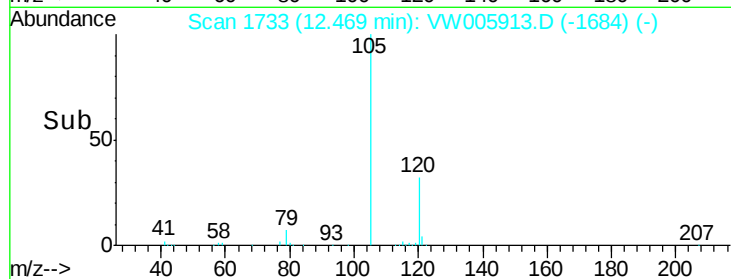
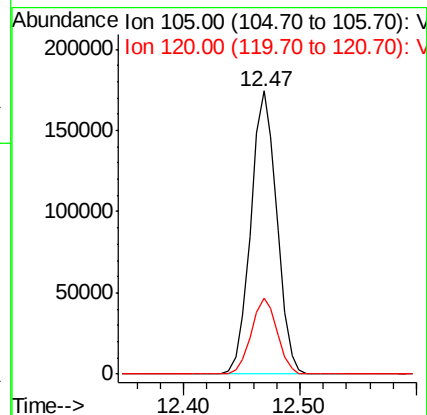
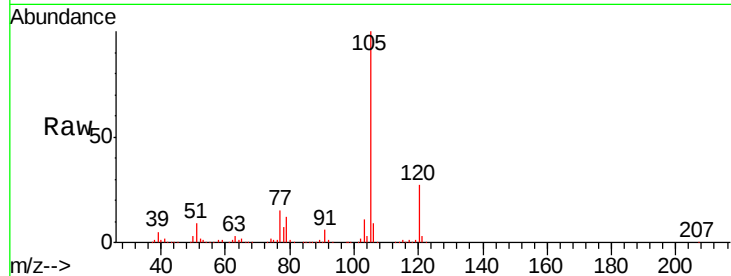
120 26.7 13.6 40.8

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#74

N-ethyl acetate

Concen: 17.52 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion: 43 Resp: 60190

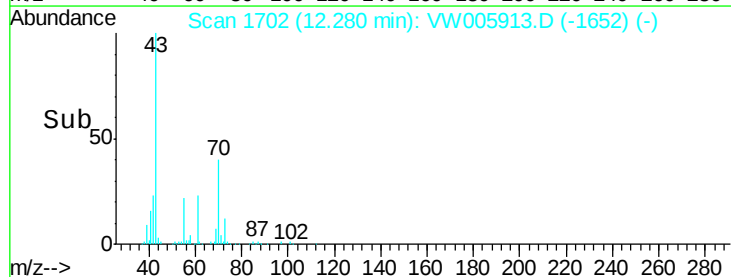
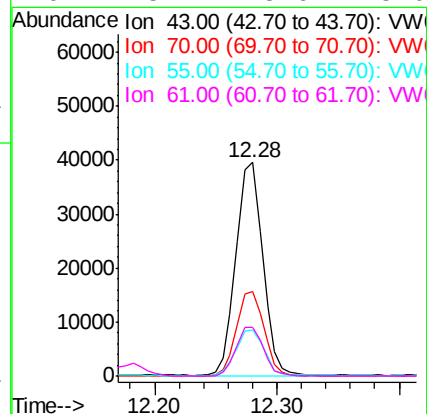
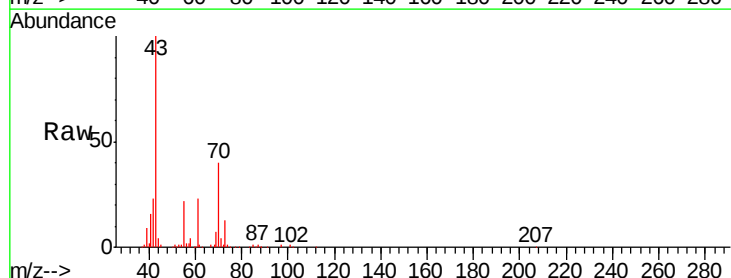
Ion Ratio Lower Upper

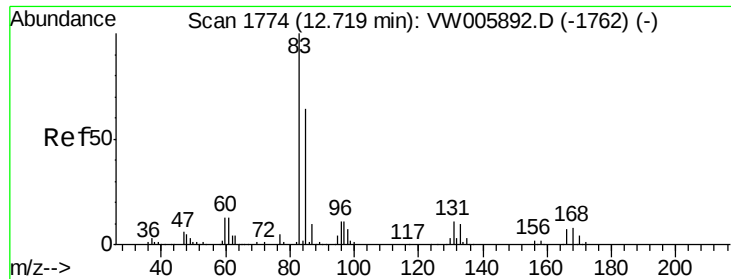
43 100

70 40.8 31.6 47.4

55 22.7 17.9 26.9

61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.79 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

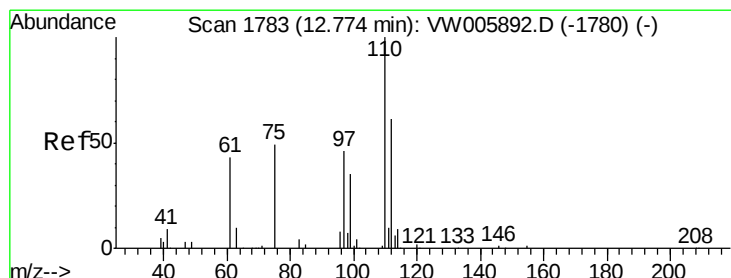
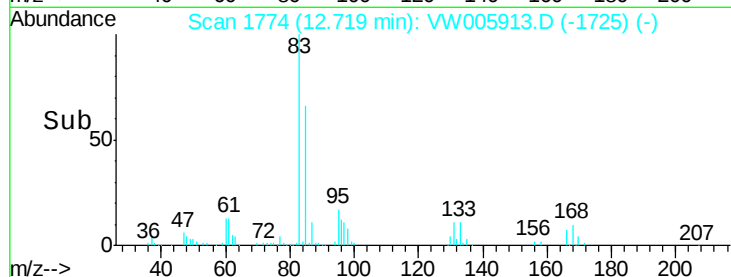
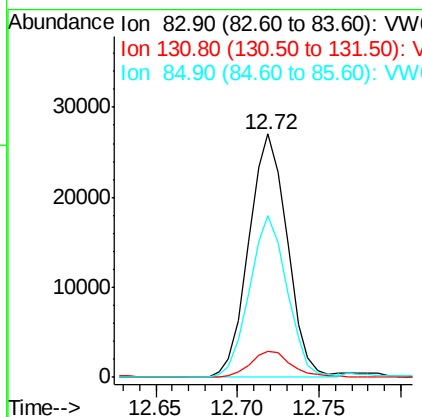
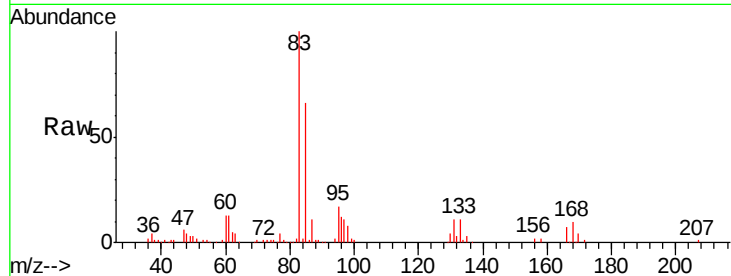
ClientSampleId :

VW1008SBSD02

Tgt Ion:	83	Resp:	44555
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.3
85	65.0	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.66 ug/l m

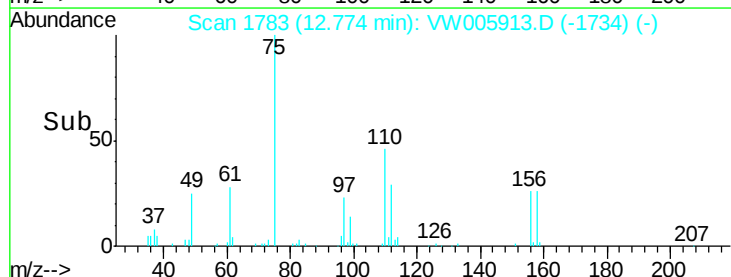
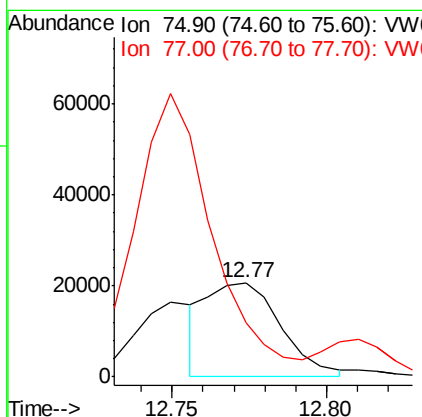
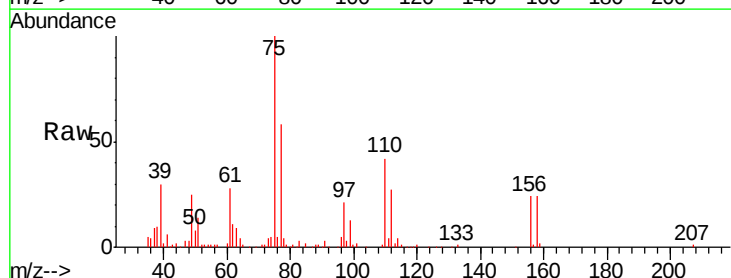
RT: 12.77 min Scan# 1783

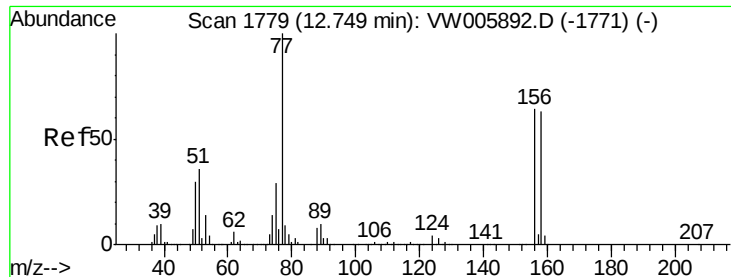
Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:	75	Resp:	34790
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.86 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

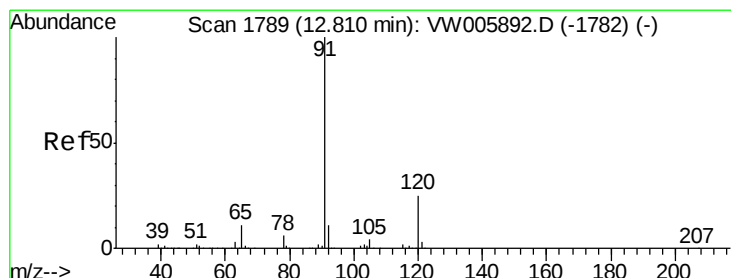
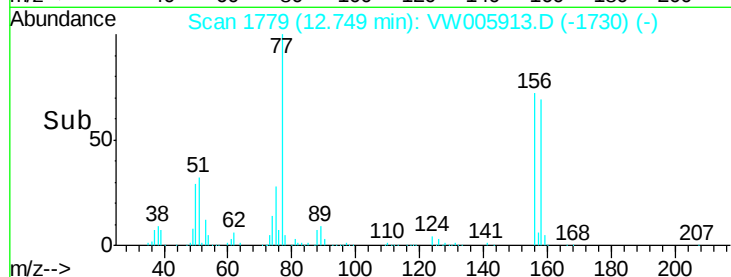
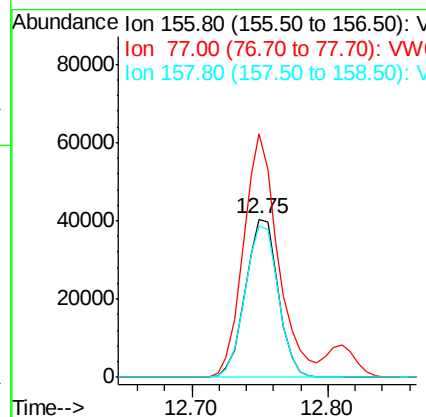
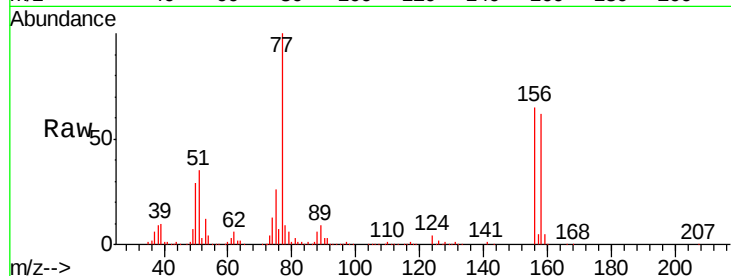
ClientSampleId :

VW1008SBSD02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	162.5	85.8	257.4
158	97.3	49.1	147.4

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#78

n-propylbenzene

Concen: 18.59 ug/l

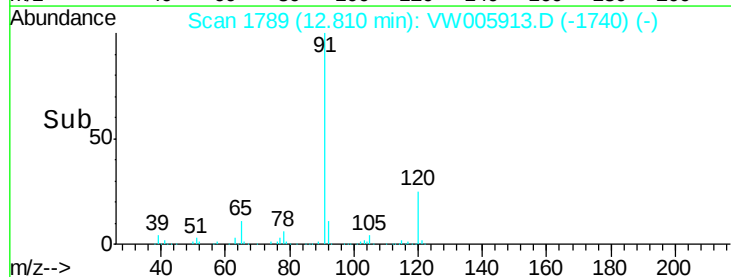
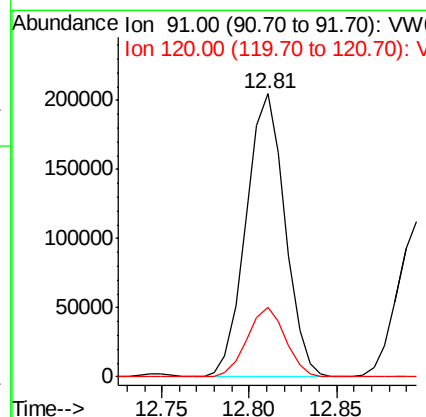
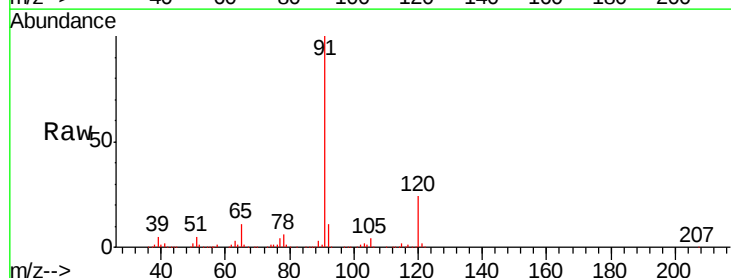
RT: 12.81 min Scan# 1789

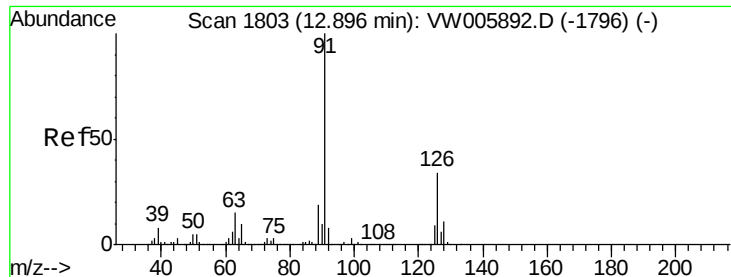
Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.0	36.0





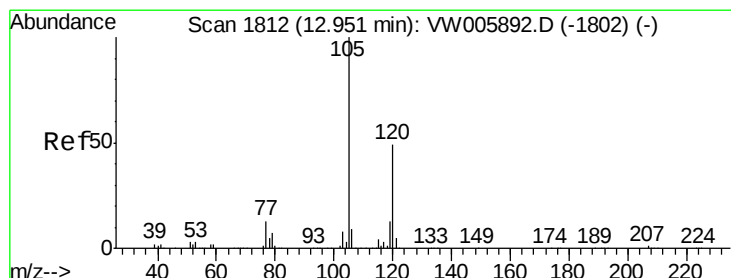
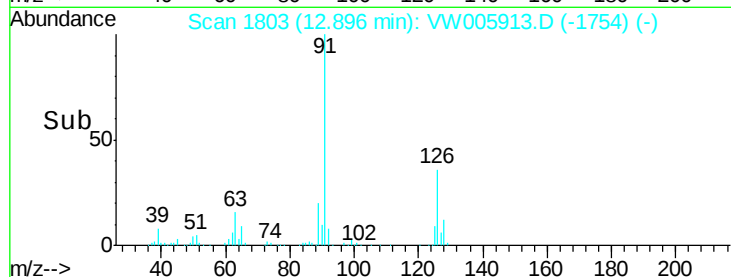
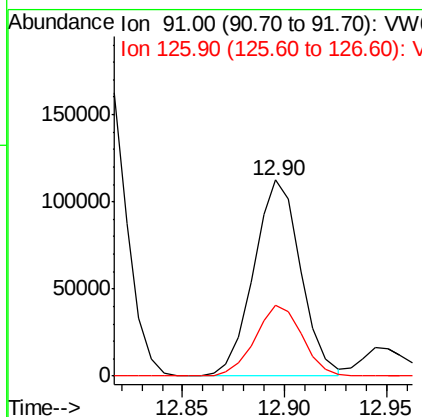
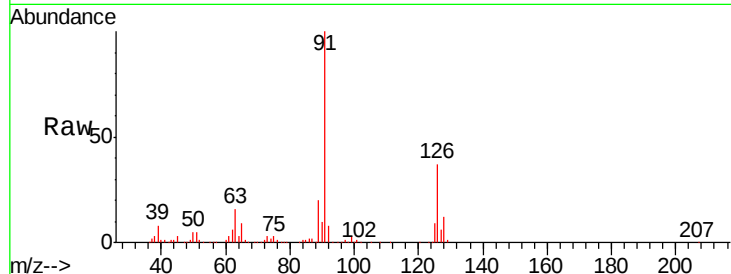
#79
 2-Chlorotoluene
 Concen: 18.76 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion: 91 Resp: 180177
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.5 52.5

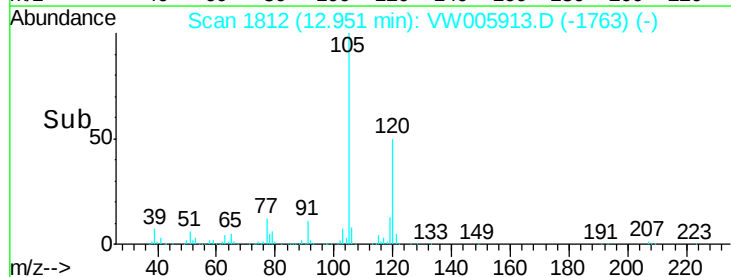
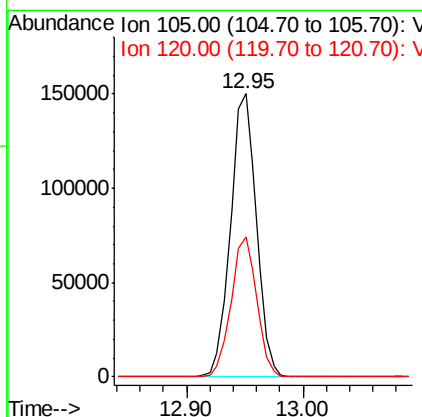
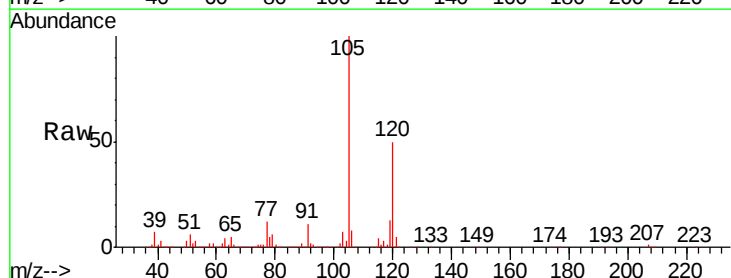
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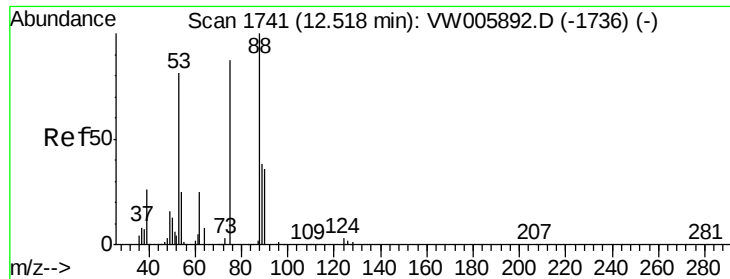
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.98 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion: 105 Resp: 231805
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.8





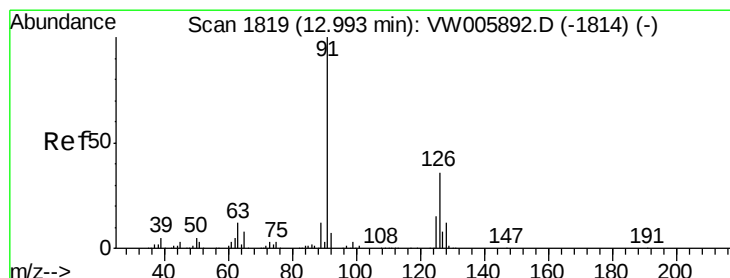
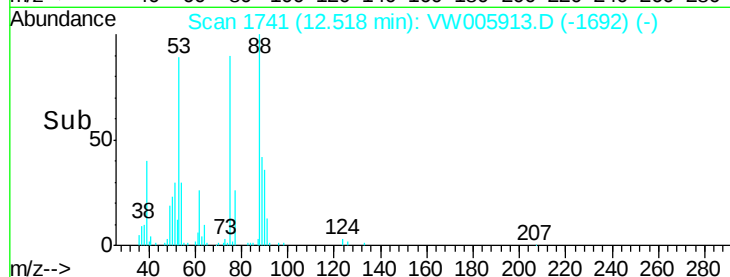
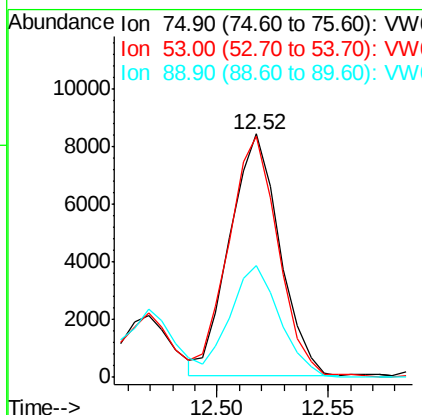
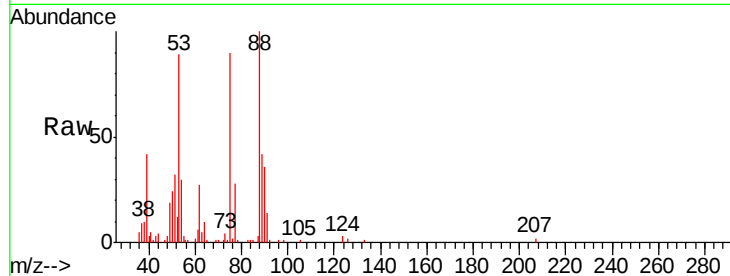
#81
trans-1,4-Dichloro-2-butene
Concen: 15.58 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.5	76.5	114.7
89	46.0	37.6	56.4

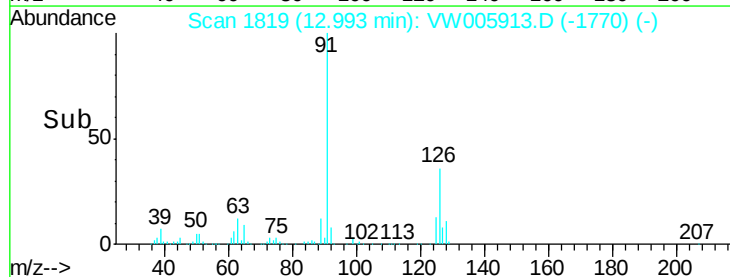
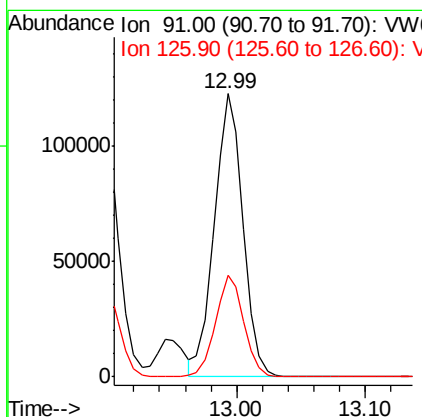
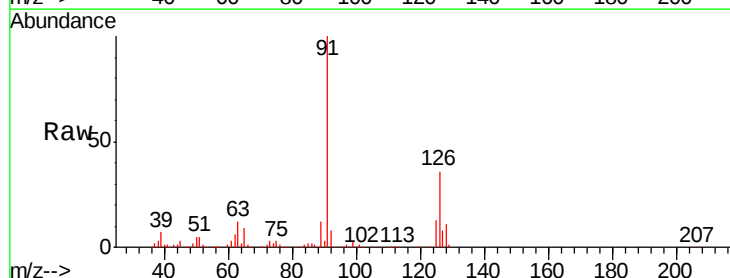
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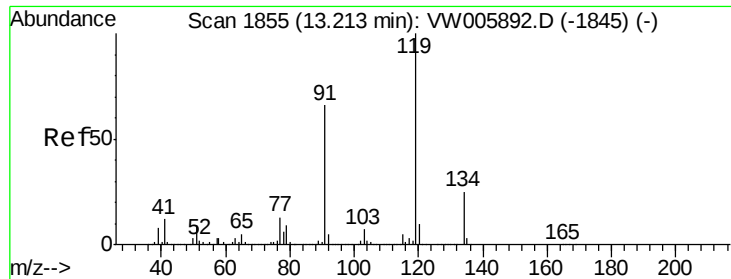
apatel
10/9/2018 4:35:39 PM



#82
4-Chlorotoluene
Concen: 18.84 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.4	52.2





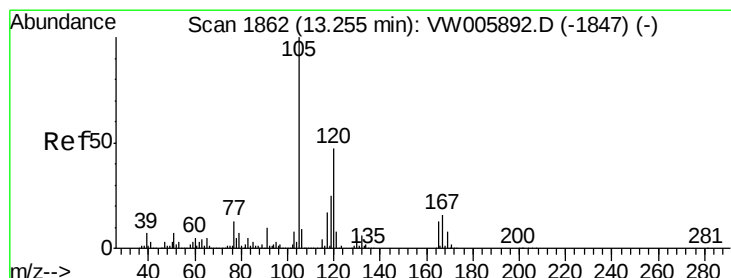
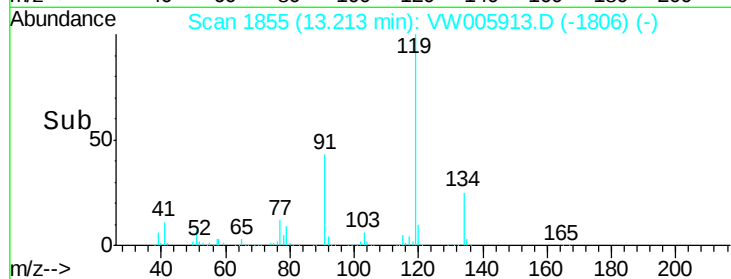
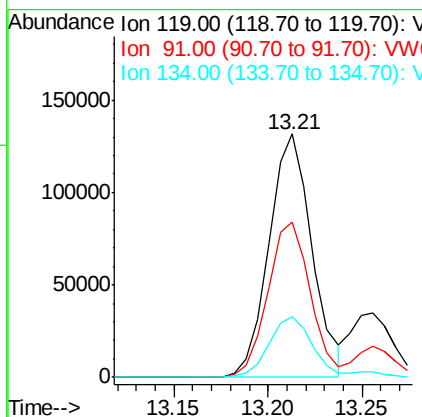
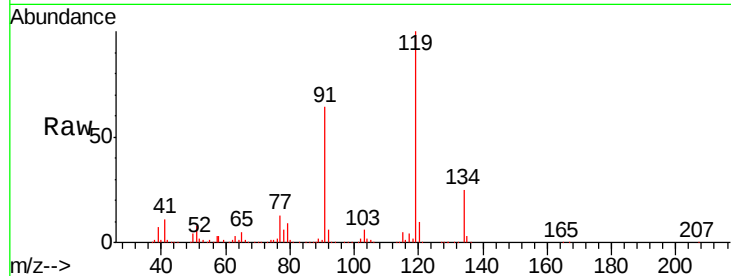
#83
 tert-Butylbenzene
 Concen: 19.14 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	207887		
91	63.2		32.4	97.0
134	25.3		13.2	39.6

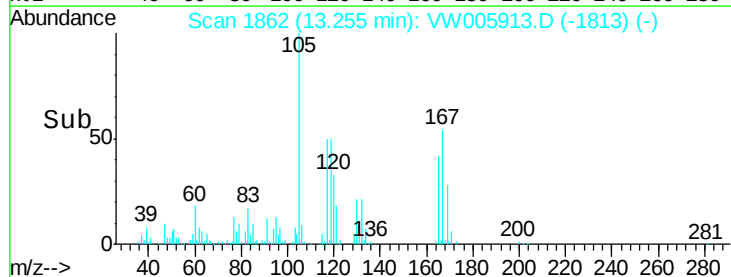
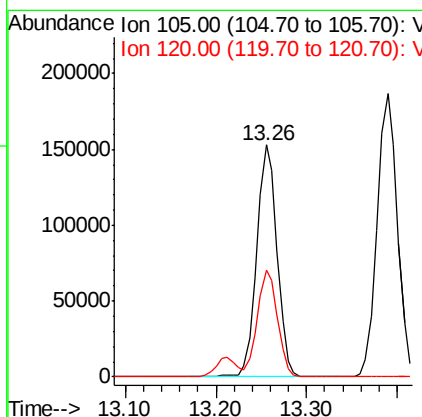
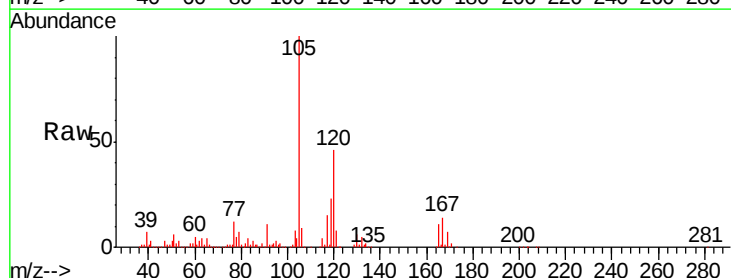
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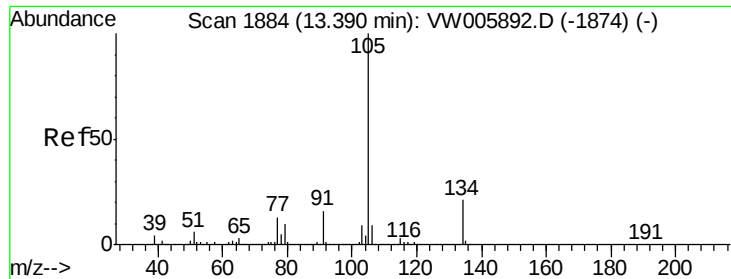
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.20 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236488		
120	45.4		22.8	68.3





#85

sec-Butylbenzene

Concen: 18.86 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD02

Tgt Ion:105 Resp: 287566

Ion Ratio Lower Upper

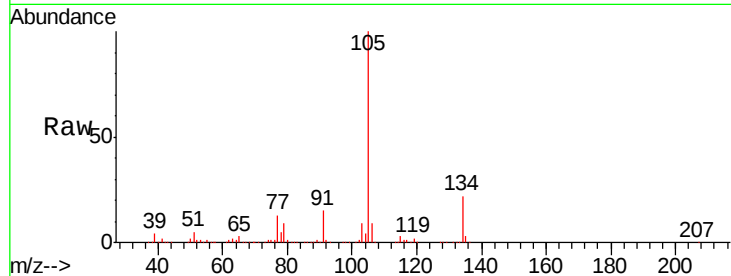
105 100

134 21.3 10.4 31.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

0

13.39

13.40

13.41

13.42

13.43

13.44

13.45

13.46

13.47

13.48

13.49

13.50

13.51

13.52

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14.84

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14.86

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14.92

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14.94

14.95

14.96

14.97

14.98

14.99

15.00

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15.72

15.73

15.74

15.75

15.76

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15.82

15.83

15.84

15.85

15.86

15.87

15.88

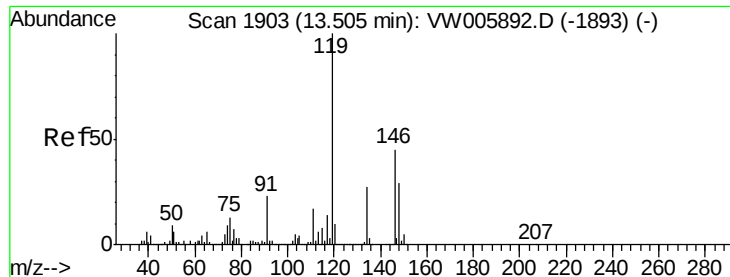
15.89

15.90

15.91

15.92

15.93



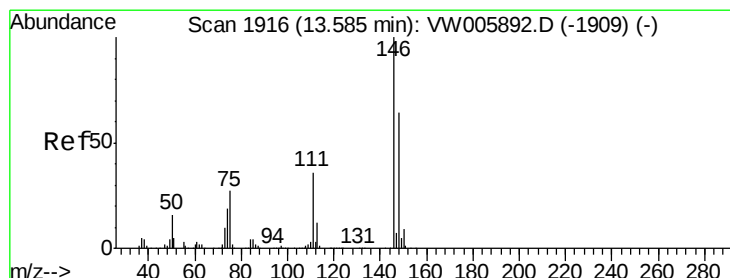
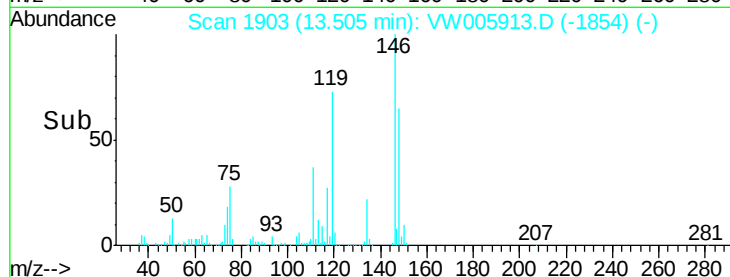
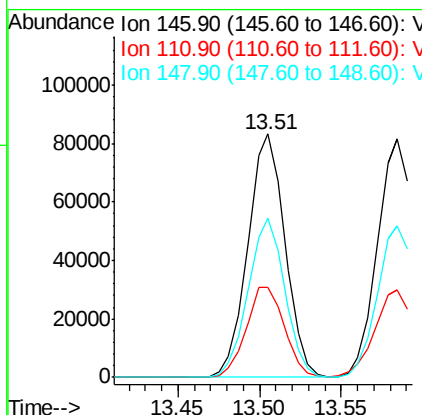
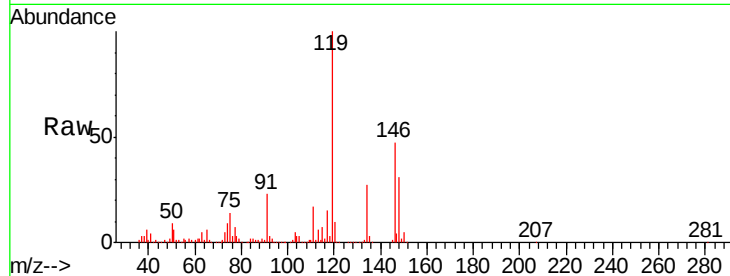
#87
 1,3-Dichlorobenzene
 Concen: 19.40 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	64.6	32.1	96.5

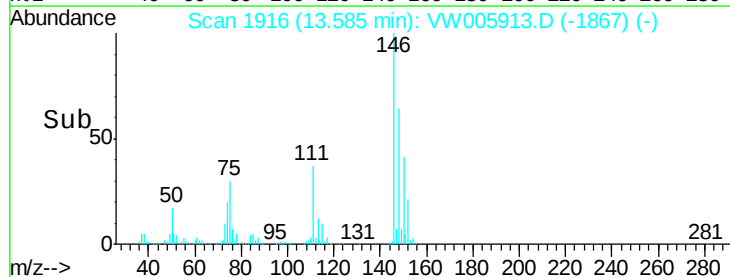
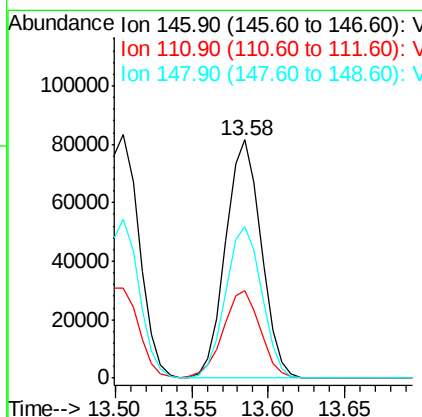
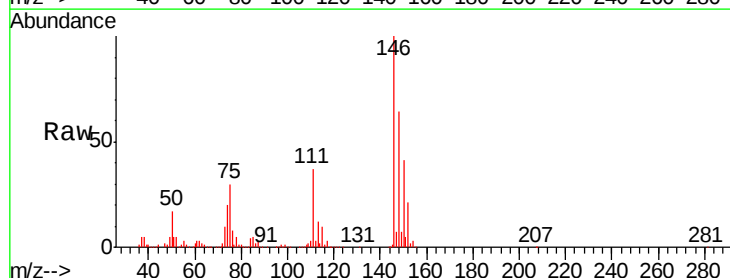
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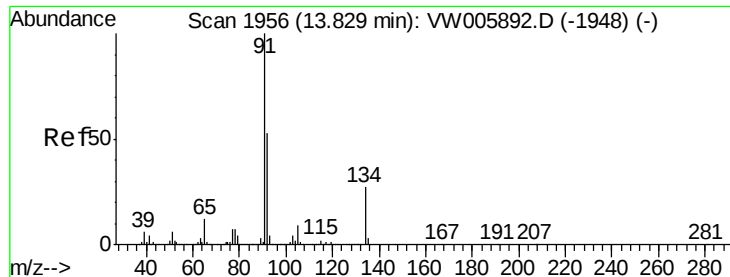
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#88
 1,4-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.9	32.0	96.2





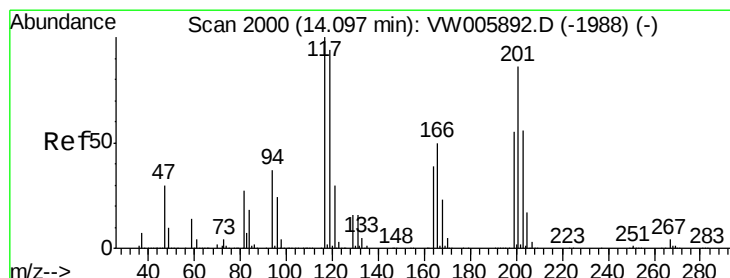
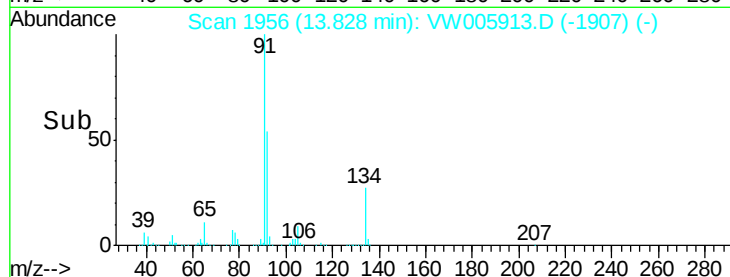
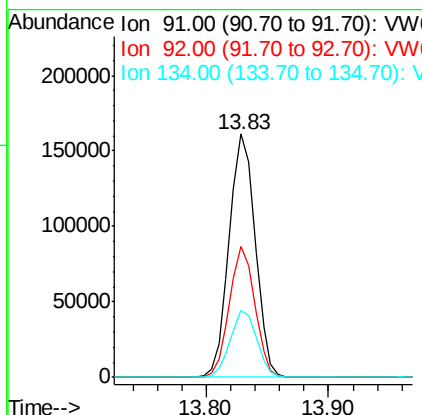
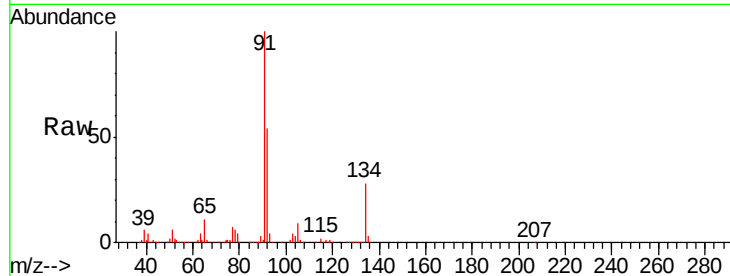
#89
n-Butylbenzene
Concen: 18.42 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.8
134	27.9	13.8	41.4

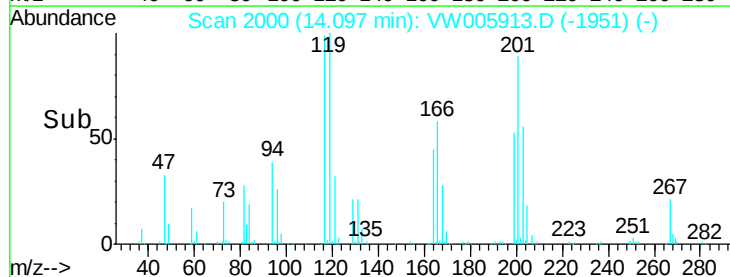
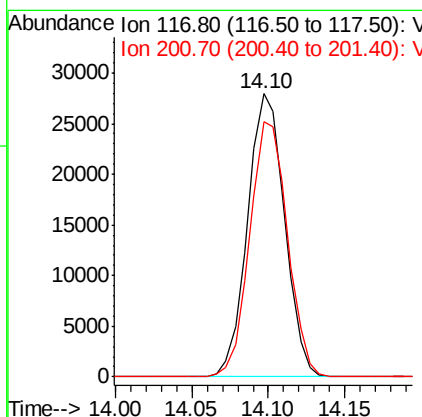
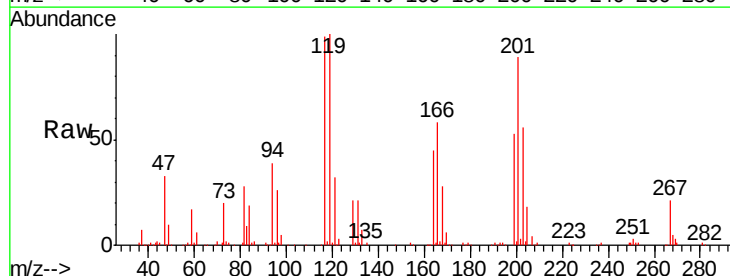
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#90
Hexachloroethane
Concen: 18.23 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005913.D
Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.9	44.5	133.5





#91

1,2-Dichlorobenzene

Concen: 19.99 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

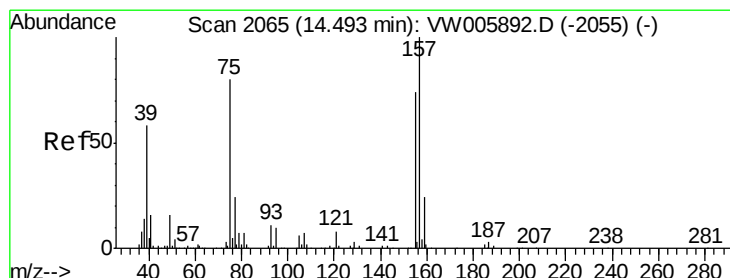
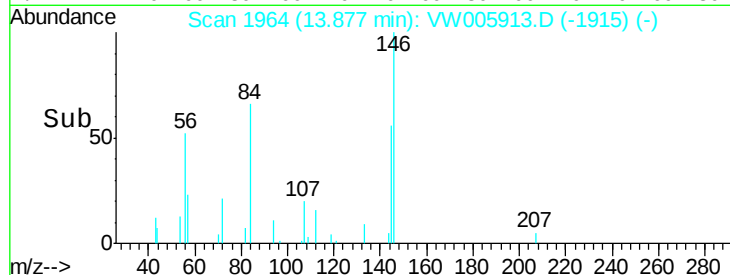
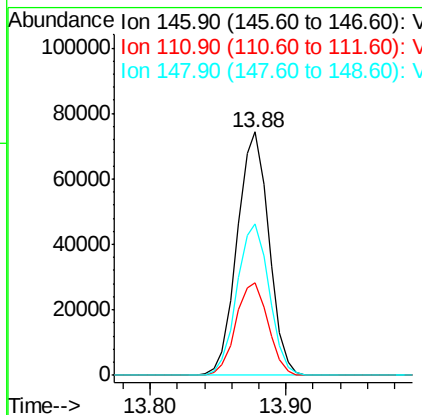
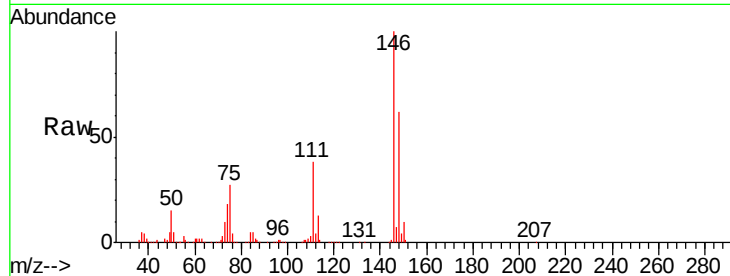
ClientSampleID :

VW1008SBS02

Tgt Ion:	146	Resp:	120820
Ion Ratio	Lower	Upper	
146	100		
111	38.7	20.3	61.0
148	63.4	32.5	97.4

Manual Integrations
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apatel
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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.60 ug/l

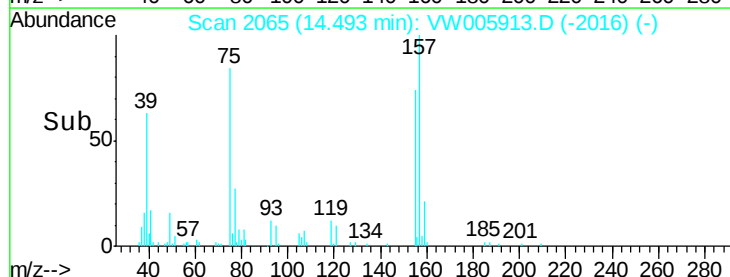
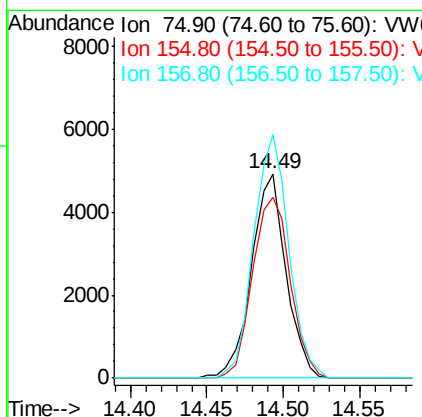
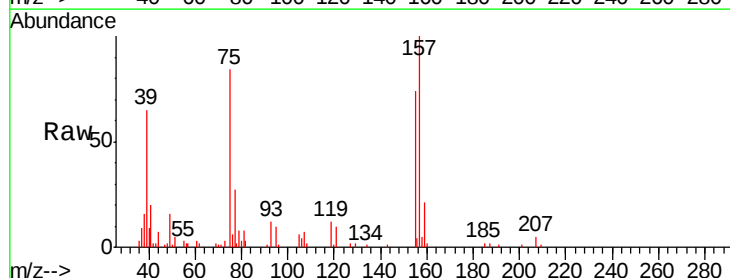
RT: 14.49 min Scan# 2065

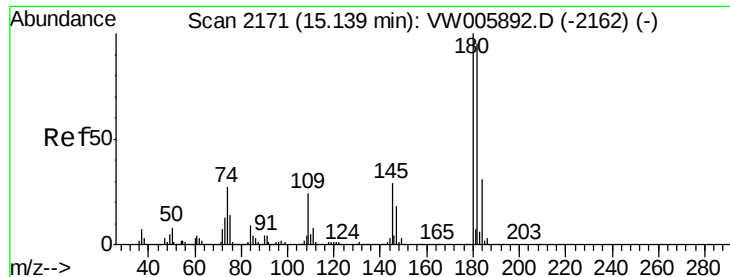
Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:	75	Resp:	7778
Ion Ratio	Lower	Upper	
75	100		
155	96.1	44.8	134.3
157	120.5	58.9	176.6





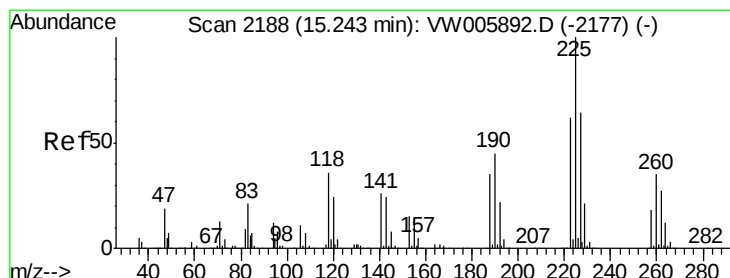
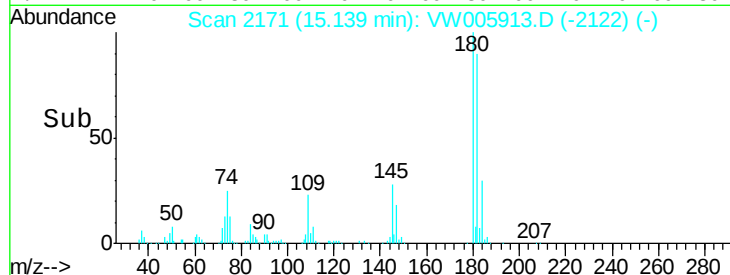
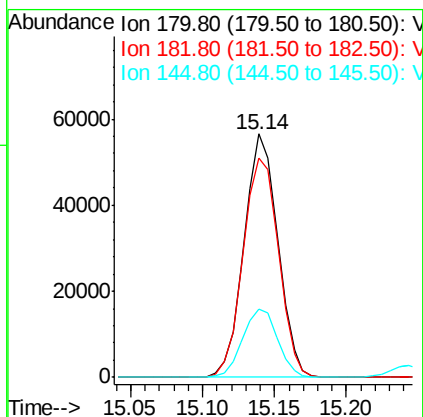
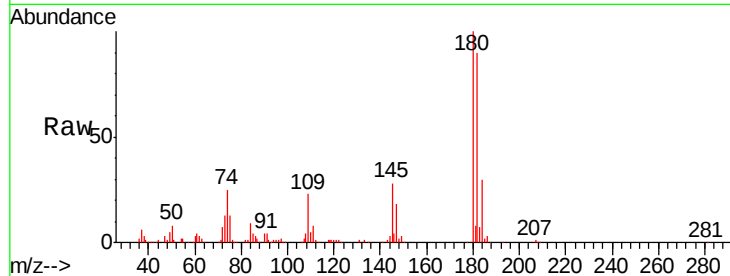
#93
 1,2,4-Trichlorobenzene
 Concen: 19.55 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	91617		
182	94.8	47.8	143.3	
145	29.0	14.5	43.6	

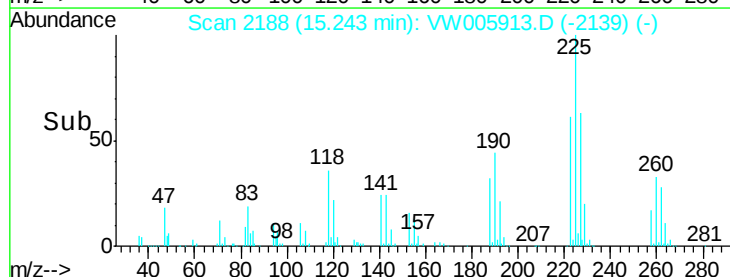
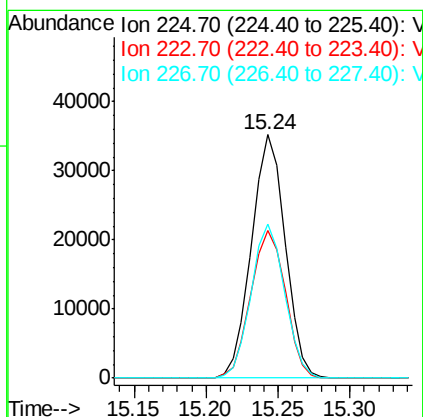
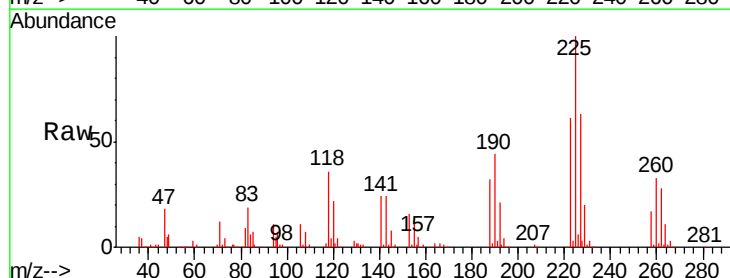
Manual Integrations
 APPROVED

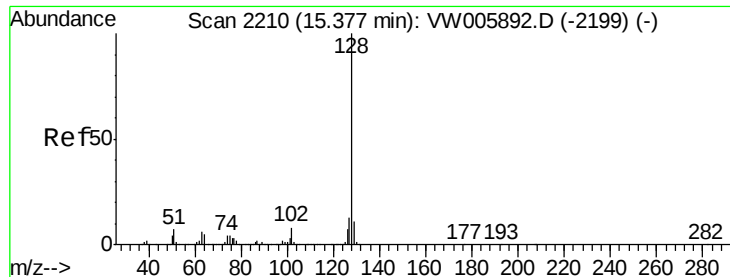
apatel
 10/9/2018 4:35:39 PM



#94
 Hexachlorobutadiene
 Concen: 19.48 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005913.D
 Acq: 09 Oct 2018 01:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56979		
223	62.4	31.2	93.6	
227	62.9	31.9	95.9	





#95

Naphthalene

Concen: 19.70 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Instrument :

MSVOA_W

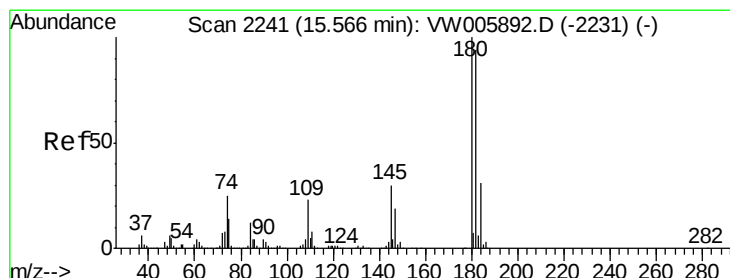
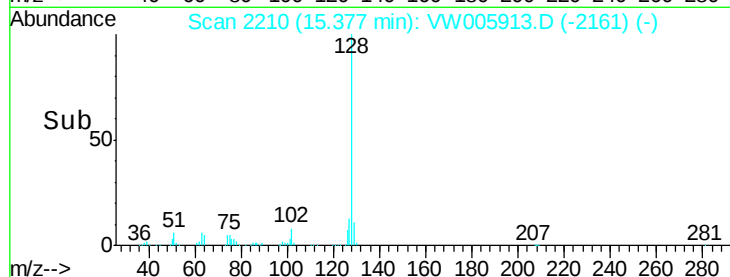
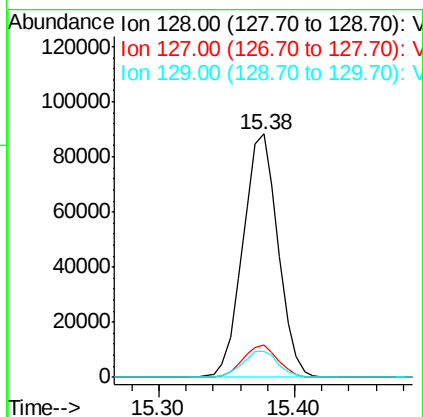
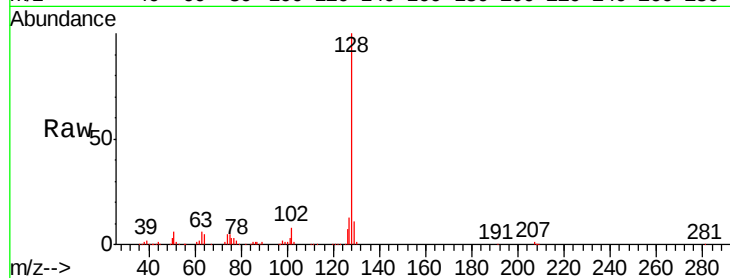
ClientSampleId :

VW1008SBS02

Tgt Ion:	128	Resp:	159182
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
APPROVED

apatel
10/9/2018 4:35:39 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.97 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005913.D

Acq: 09 Oct 2018 01:02

Tgt Ion:	180	Resp:	81044
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.6	142.8
145	30.1	15.3	45.9

