

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005912.D
 Acq On : 09 Oct 2018 00:36
 Operator : SY/AP
 Sample : VW1008SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

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

Quant Time: Oct 09 07:56:56 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	262081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	196673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121891	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	7.88	113	122675	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.33	98	471427	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.62	95	172923	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21898	17.05	ug/l	95
3) Chloromethane	2.21	50	26793	17.74	ug/l	98
4) Vinyl Chloride	2.37	62	45150	18.83	ug/l	95
5) Bromomethane	2.78	94	41750	22.06	ug/l	100
6) Chloroethane	2.93	64	31603	20.68	ug/l	99
7) Trichlorofluoromethane	3.26	101	34901	18.33	ug/l	93
8) Diethyl Ether	3.68	74	23078	19.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44175	18.39	ug/l	99
10) Methyl Iodide	4.26	142	75205	19.14	ug/l	99
11) Tert butyl alcohol	5.23	59	17801	95.47	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	42156	18.27	ug/l	89
13) Acrolein	3.90	56	14687	88.39	ug/l	94
14) Allyl chloride	4.67	41	64669	16.44	ug/l	98
15) Acrylonitrile	5.37	53	47837	93.82	ug/l	99
16) Acetone	4.14	43	40854	80.39	ug/l	100
17) Carbon Disulfide	4.38	76	116499	16.70	ug/l	97
18) Methyl Acetate	4.68	43	22156	17.28	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	71411	19.90	ug/l	98
20) Methylene Chloride	4.91	84	49789	19.55	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46746	18.59	ug/l	99
22) Diisopropyl ether	6.32	45	137292	18.67	ug/l	98
23) Vinyl Acetate	6.26	43	407225	89.96	ug/l	99
24) 1,1-Dichloroethane	6.21	63	82314	18.29	ug/l	99
25) 2-Butanone	7.18	43	63723	88.16	ug/l	100
26) 2,2-Dichloropropane	7.17	77	53300	16.83	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54664	19.22	ug/l	97
28) Bromochloromethane	7.51	49	32267	19.42	ug/l	95
29) Tetrahydrofuran	7.54	42	41957	91.83	ug/l	98
30) Chloroform	7.68	83	88347	19.11	ug/l	100
31) Cyclohexane	7.96	56	75143	16.87	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77680	18.87	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66947	17.91	ug/l	99
37) Ethyl Acetate	7.26	43	28889	18.25	ug/l	98
38) Carbon Tetrachloride	8.07	117	73585	18.32	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85922	17.43	ug/l	96
40) Benzene	8.32	78	190338	18.61	ug/l	99
41) Methacrylonitrile	7.49	41	16911	17.07	ug/l	95
42) 1,2-Dichloroethane	8.40	62	57296	18.54	ug/l	99
43) Isopropyl Acetate	8.43	43	59797	18.09	ug/l	99
44) Trichloroethene	9.09	130	56133	18.91	ug/l	96
45) 1,2-Dichloropropane	9.37	63	47894	18.70	ug/l	96
46) Dibromomethane	9.46	93	27051	19.22	ug/l	98
47) Bromodichloromethane	9.65	83	65125	18.39	ug/l	98
48) Methyl methacrylate	9.44	41	27897	17.71	ug/l	96
49) 1,4-Dioxane	9.48	88	8776	410.55	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	149704	92.98	ug/l	99
52) Toluene	10.39	92	125679	18.70	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	65318	17.65	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74885	18.00	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37071	19.02	ug/l	99
56) Ethyl methacrylate	10.65	69	47964	18.26	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60984	18.60	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	104501	97.76	ug/l	99
59) 2-Hexanone	10.98	43	102176	88.51	ug/l	99
60) Dibromochloromethane	11.13	129	46890	18.64	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36664	18.82	ug/l	99
64) Tetrachloroethene	10.87	164	52817	19.81	ug/l	99
65) Chlorobenzene	11.66	112	146962	19.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53539	19.05	ug/l	99
67) Ethyl Benzene	11.74	91	251457	18.57	ug/l	97
68) m/p-Xylenes	11.84	106	196570	37.14	ug/l	99
69) o-Xylene	12.17	106	95428	18.83	ug/l	99
70) Styrene	12.18	104	155973	18.55	ug/l	98
71) Bromoform	12.35	173	30335	18.12	ug/l #	100
73) Isopropylbenzene	12.47	105	263674	18.36	ug/l	99
74) N-amyl acetate	12.28	43	59828	17.54	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44069	18.72	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33208m	18.90	ug/l	
77) Bromobenzene	12.75	156	65230	19.17	ug/l	96
78) n-propylbenzene	12.81	91	307552	18.20	ug/l	100
79) 2-Chlorotoluene	12.90	91	174988	18.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	220741	18.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	12422	14.93	ug/l	92
82) 4-Chlorotoluene	12.99	91	182646	18.20	ug/l	98
83) tert-Butylbenzene	13.21	119	197957	18.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225401	18.43	ug/l	99
85) sec-Butylbenzene	13.39	105	278515	18.40	ug/l	99
86) p-Isopropyltoluene	13.51	119	252101	18.52	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126897	18.77	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127962	19.05	ug/l	99
89) n-Butylbenzene	13.83	91	232409	18.11	ug/l	99
90) Hexachloroethane	14.10	117	44709	17.46	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	114885	19.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7848	17.89	ug/l	98

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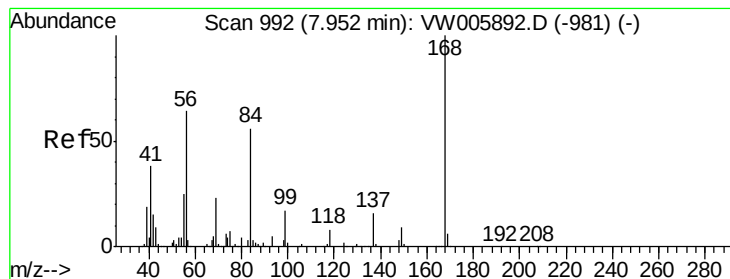
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88752	19.07	ug/l	100
94) Hexachlorobutadiene	15.24	225	53727	18.50	ug/l	99
95) Naphthalene	15.38	128	156592	19.52	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77920	19.34	ug/l	100

(#) = 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: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 168 Resp: 262081

Ion Ratio Lower Upper

168 100

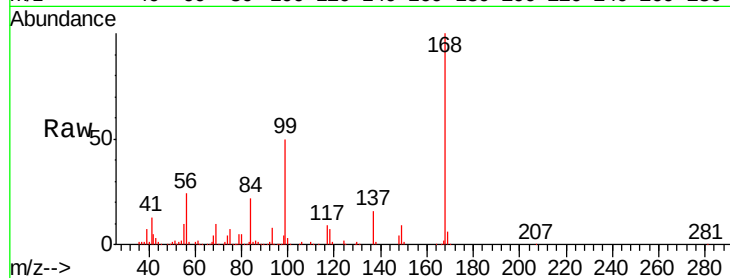
99 50.3 40.9 61.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

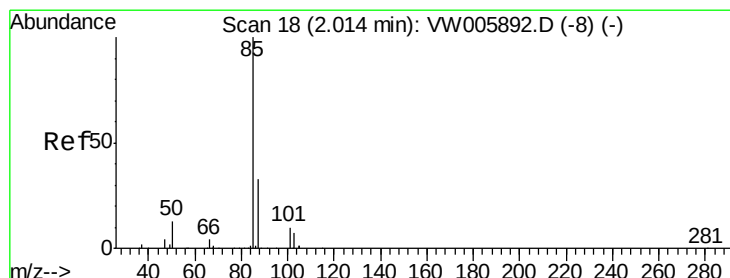
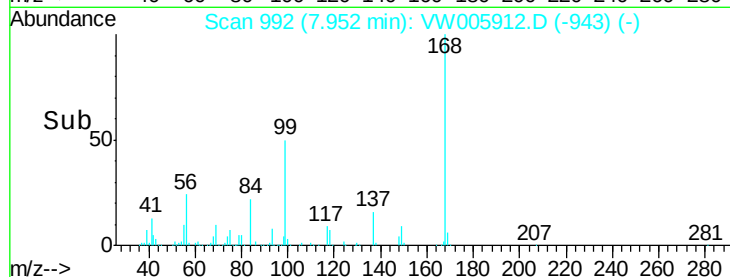
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.05 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005912.D

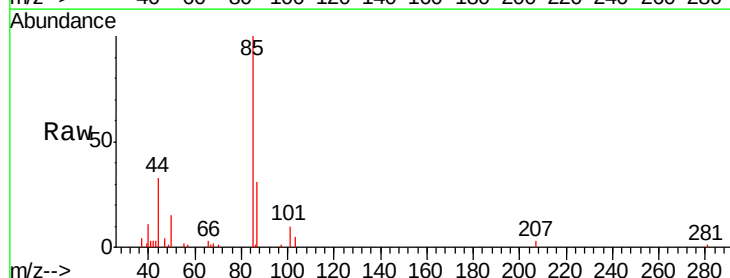
Acq: 09 Oct 2018 00:36

Tgt Ion: 85 Resp: 21898

Ion Ratio Lower Upper

85 100

87 30.6 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

6000

5000

4000

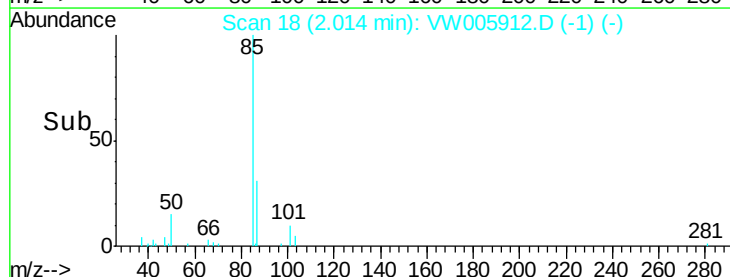
3000

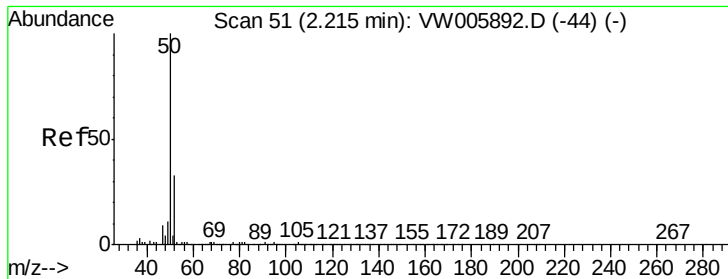
2000

1000

0

Time-->





#3

Chloromethane

Concen: 17.74 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 50 Resp: 26793

Ion Ratio Lower Upper

50 100

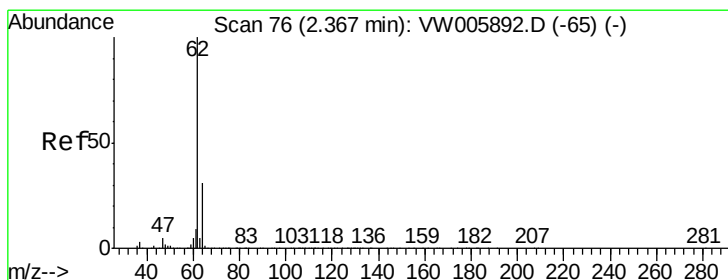
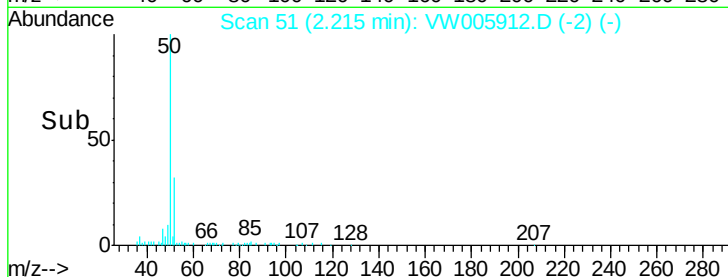
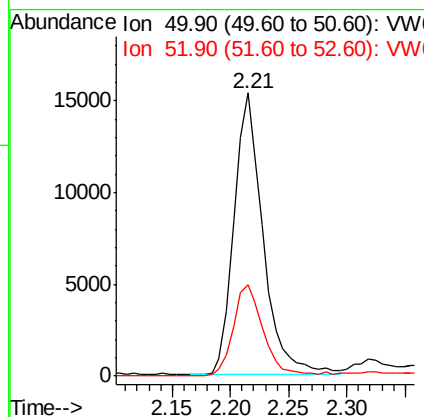
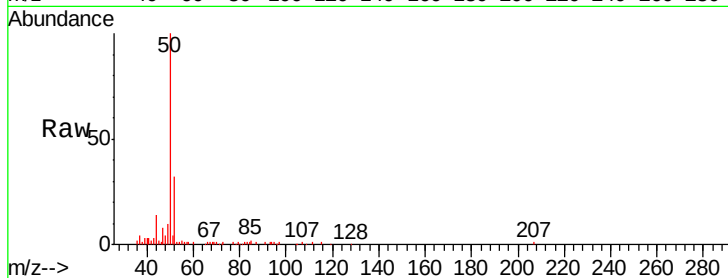
52 32.5 26.7 40.1

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#4

Vinyl Chloride

Concen: 18.83 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005912.D

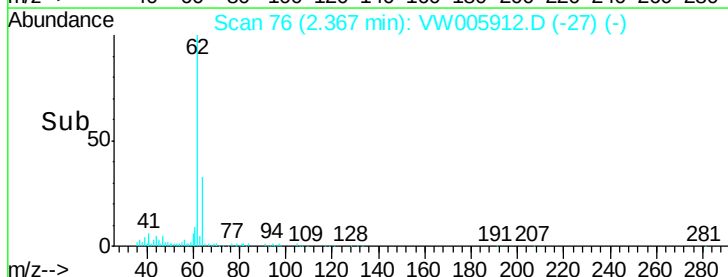
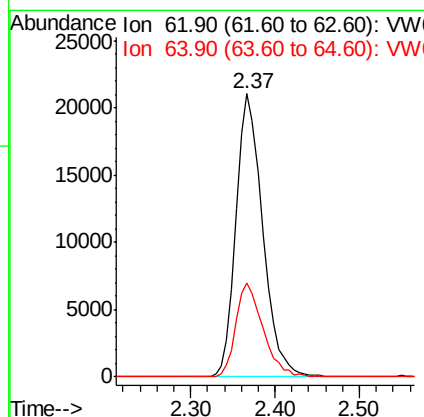
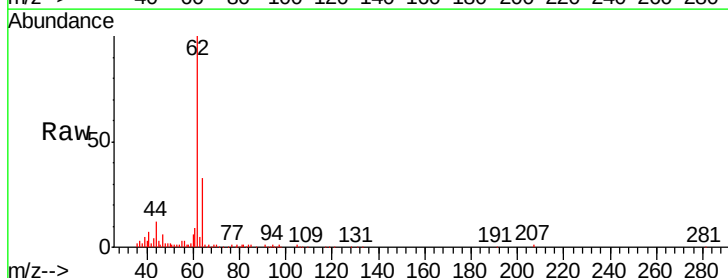
Acq: 09 Oct 2018 00:36

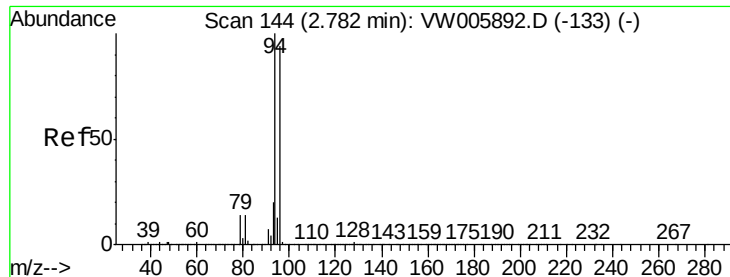
Tgt Ion: 62 Resp: 45150

Ion Ratio Lower Upper

62 100

64 33.3 24.6 36.8





#5

Bromomethane

Concen: 22.06 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 94 Resp: 41750

Ion Ratio Lower Upper

94 100

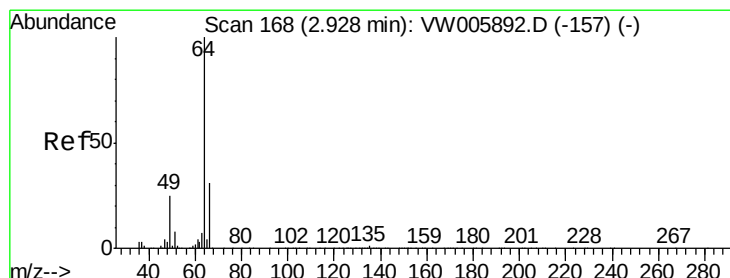
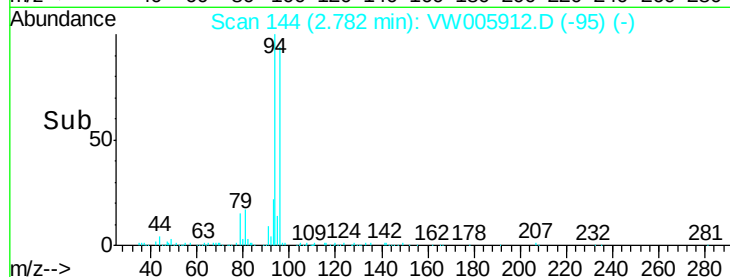
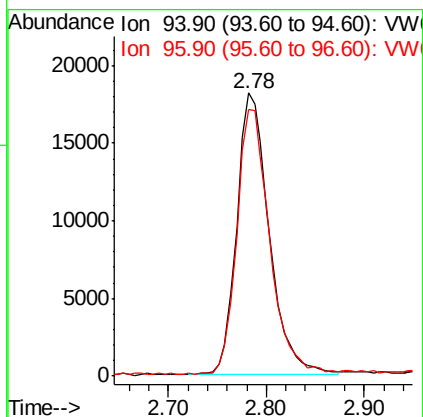
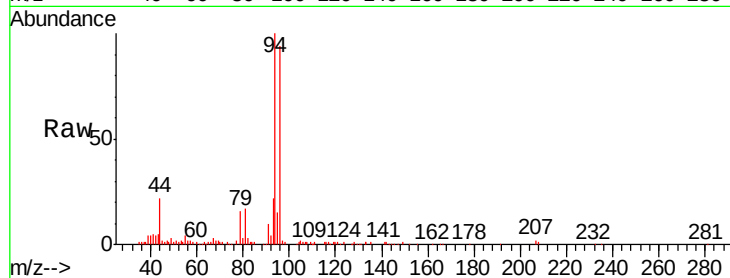
96 93.9 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 20.68 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005912.D

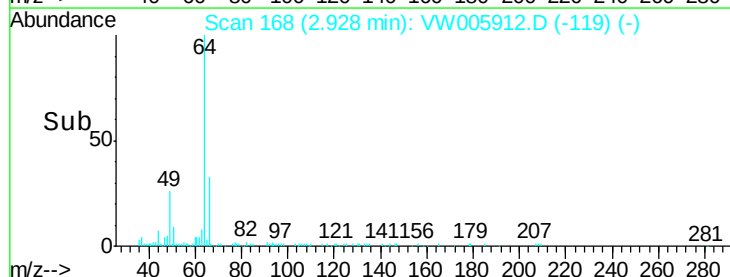
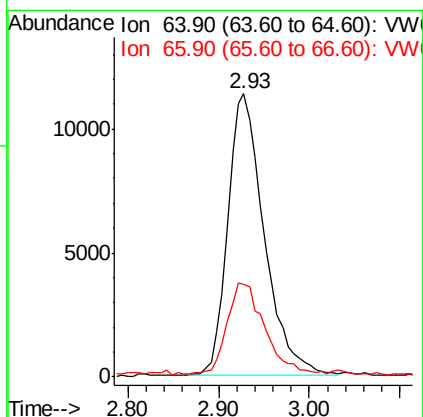
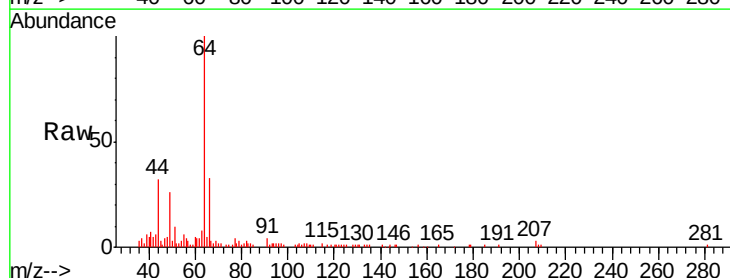
Acq: 09 Oct 2018 00:36

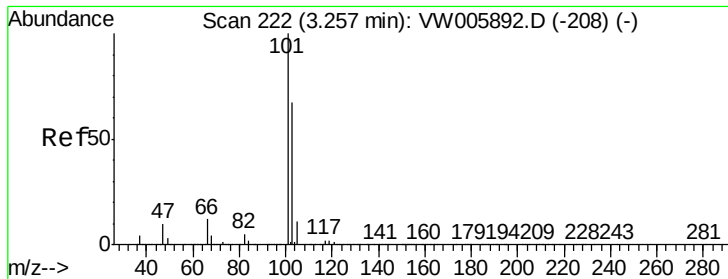
Tgt Ion: 64 Resp: 31603

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4





#7

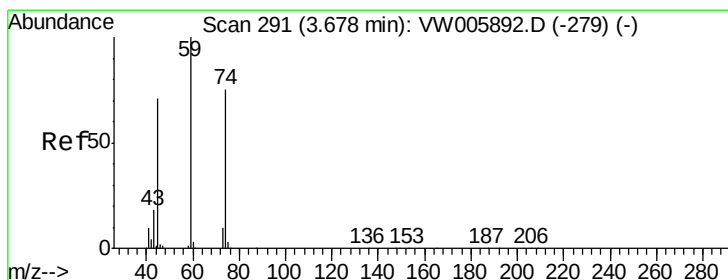
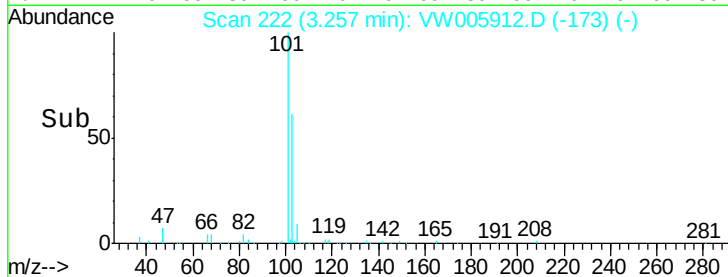
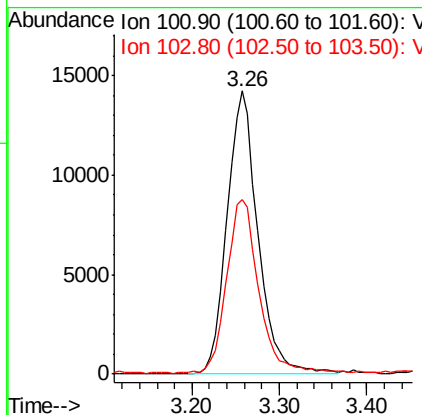
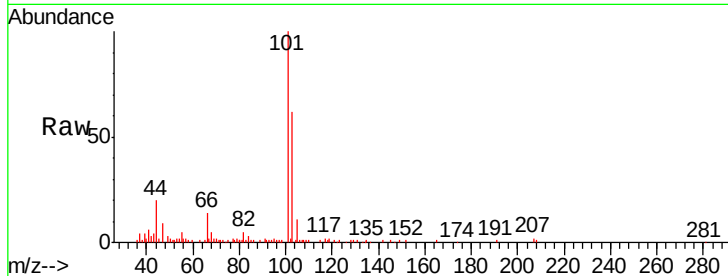
Trichlorofluoromethane
 Concen: 18.33 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005912.D
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 VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.2	53.5	80.3

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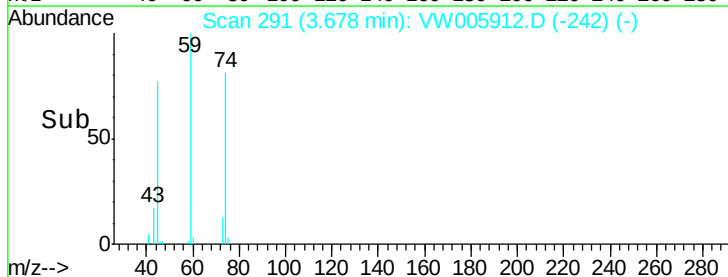
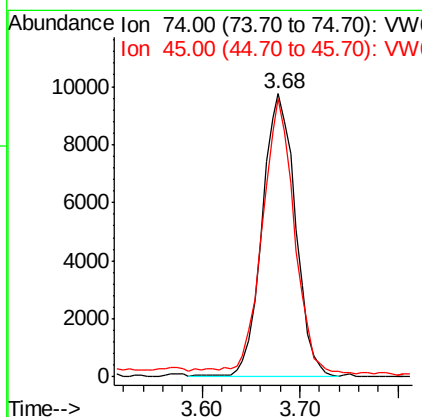
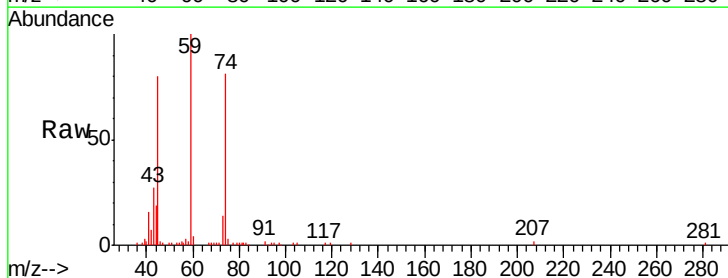
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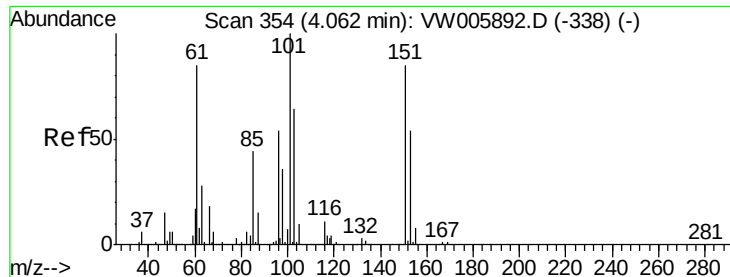


#8

Diethyl Ether
 Concen: 19.70 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.39 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

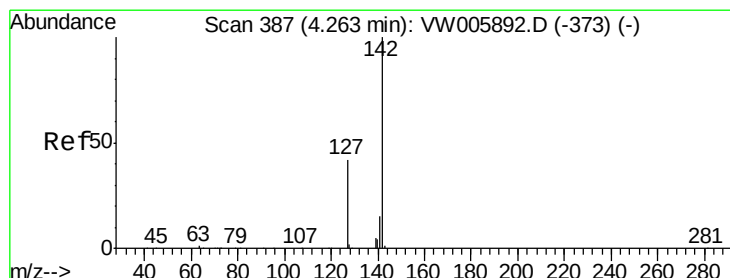
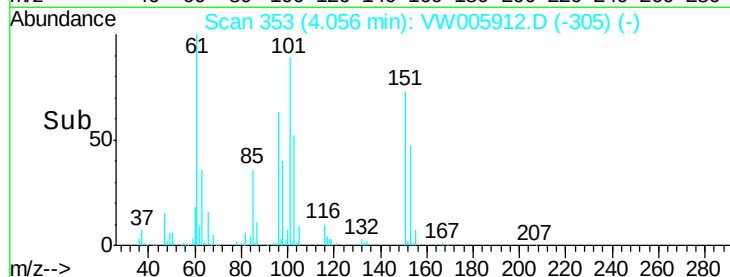
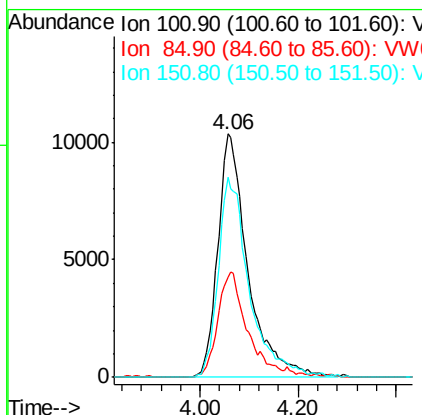
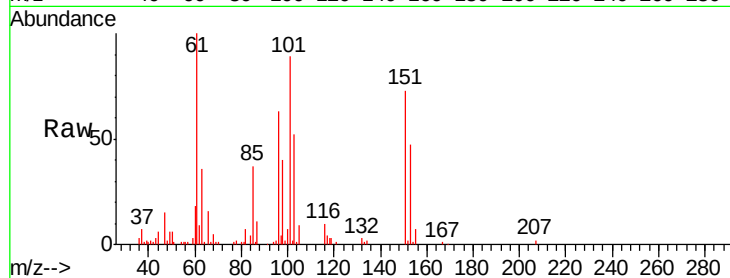
ClientSampled :

VW1008SBS02

Tgt Ion:	101	Resp:	44175
Ion Ratio	Lower	Upper	
101	100		
85	41.7	35.1	52.7
151	84.2	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.14 ug/l

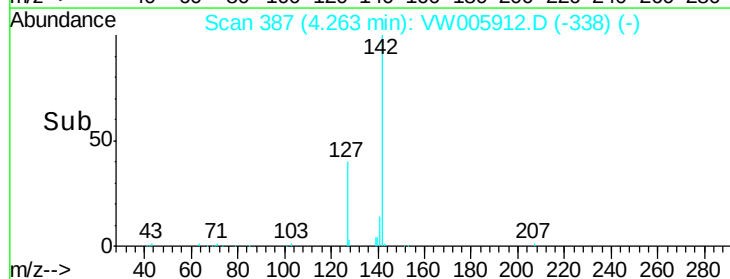
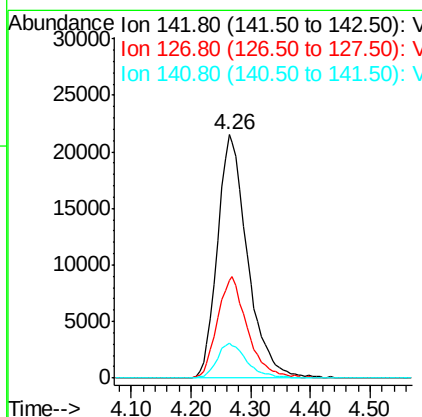
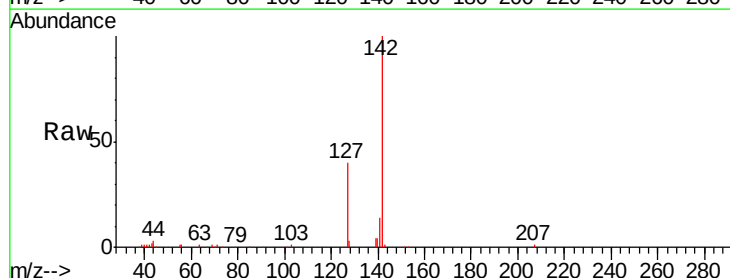
RT: 4.26 min Scan# 387

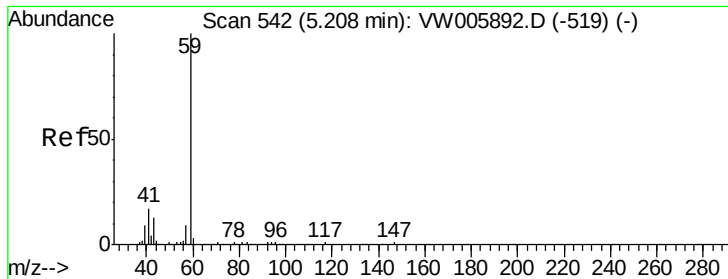
Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion:	142	Resp:	75205
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.7	50.5
141	14.1	11.5	17.3





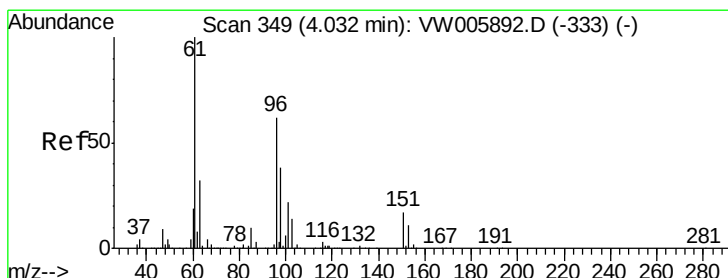
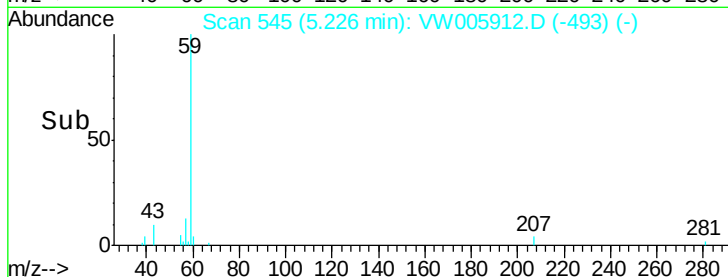
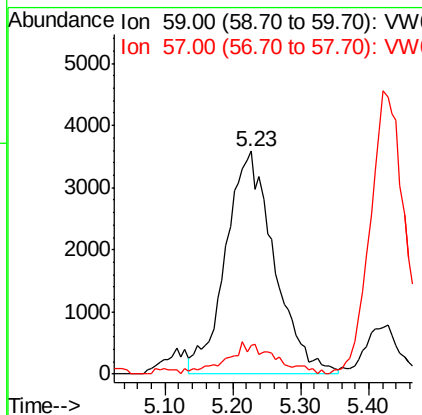
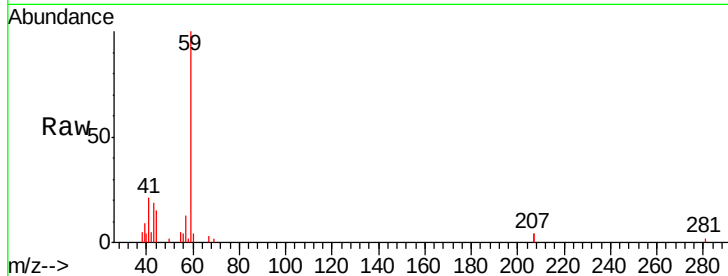
#11
Tert butyl alcohol
Concen: 95.47 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.02 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion: 59 Resp: 17801
Ion Ratio Lower Upper
59 100
57 6.4 7.7 11.5#

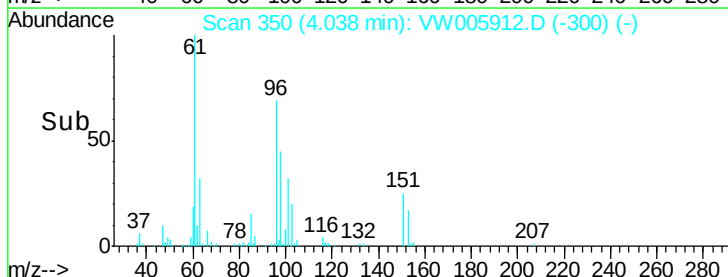
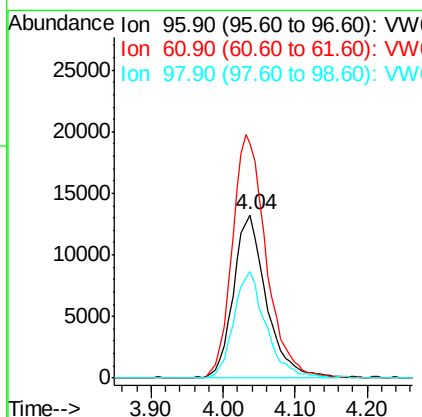
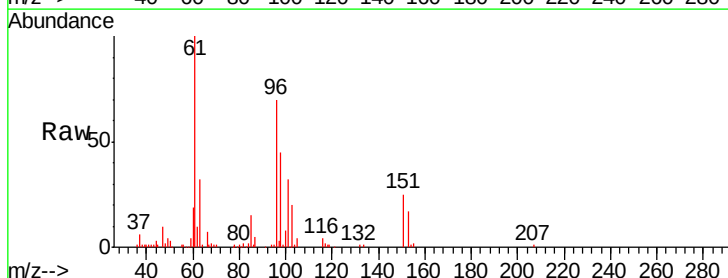
Manual Integrations
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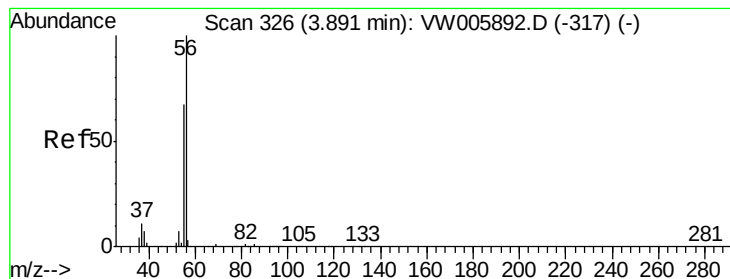
apatel
10/9/2018 4:35:35 PM



#12
1,1-Dichloroethene
Concen: 18.27 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 96 Resp: 42156
Ion Ratio Lower Upper
96 100
61 143.4 128.6 193.0
98 65.0 49.4 74.0





#13

Acrolein

Concen: 88.39 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 56 Resp: 14687

Ion Ratio Lower Upper

56 100

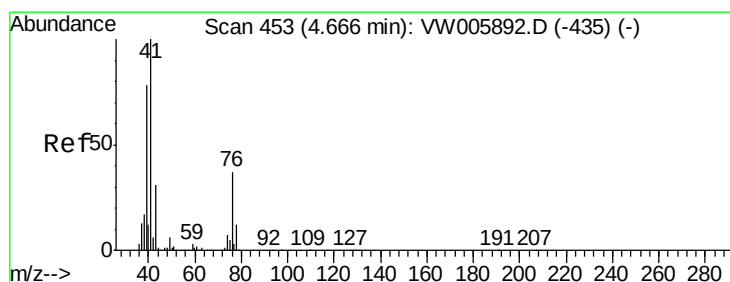
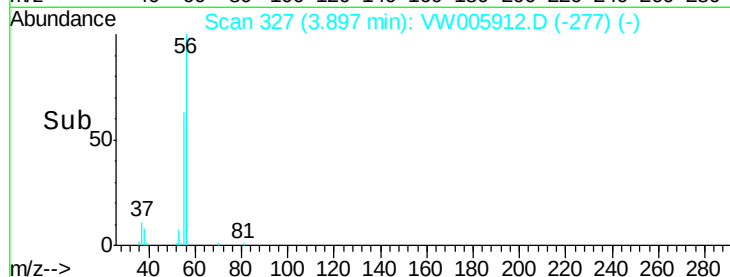
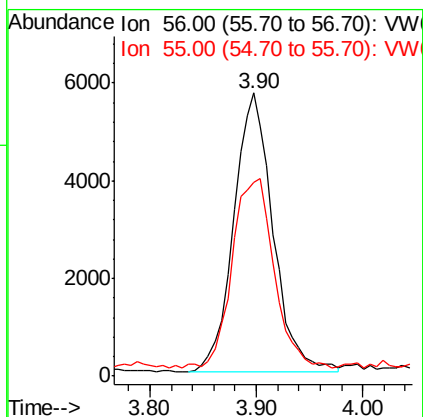
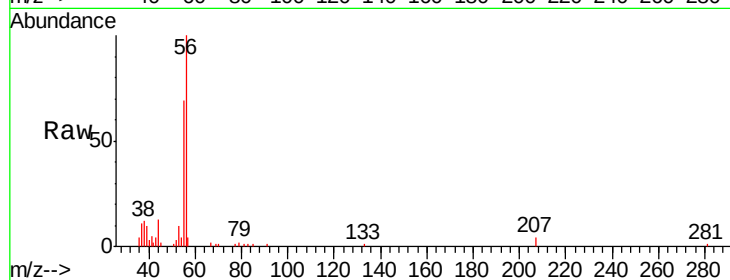
55 72.9 54.6 82.0

Manual Integrations

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#14

Allyl chloride

Concen: 16.44 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

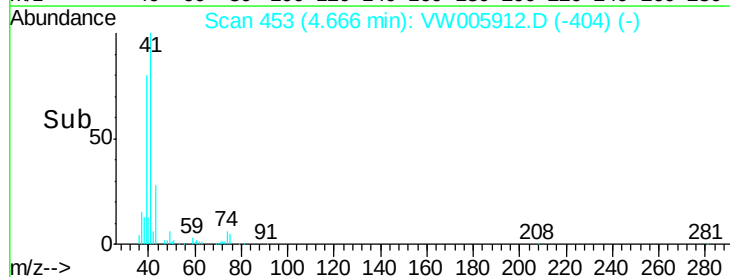
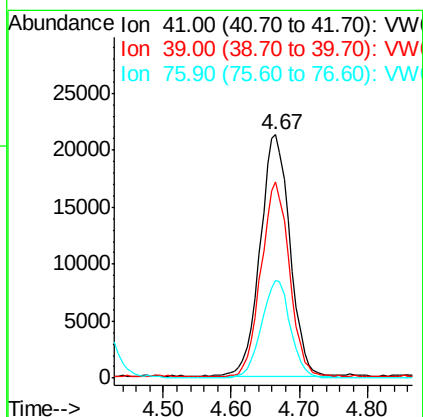
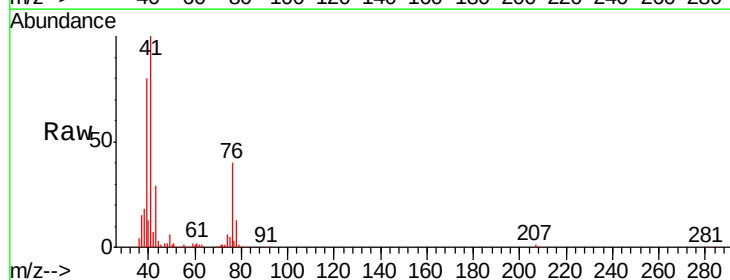
Tgt Ion: 41 Resp: 64669

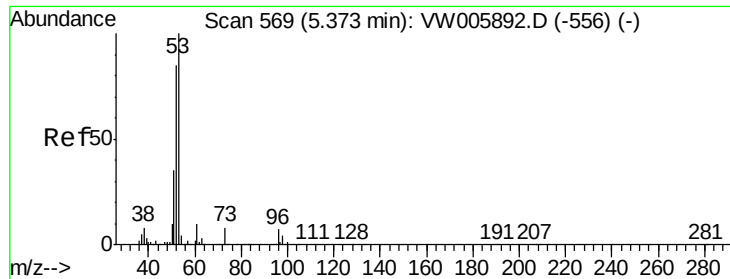
Ion Ratio Lower Upper

41 100

39 77.0 60.8 91.2

76 38.9 29.6 44.4





#15

Acrylonitrile

Concen: 93.82 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

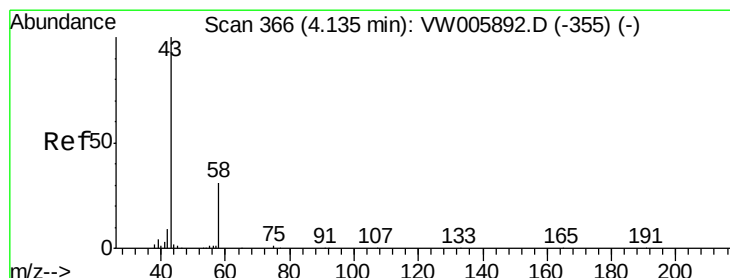
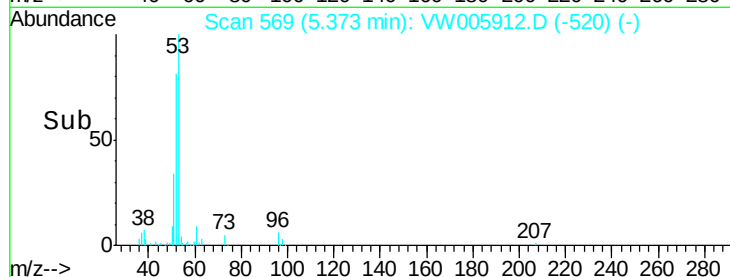
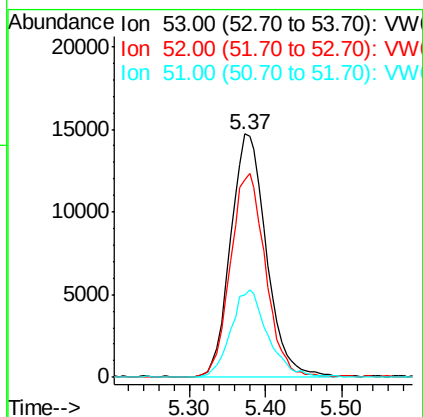
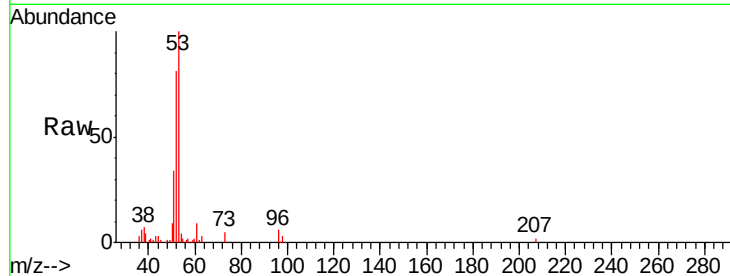
ClientSampleId :

VW1008SBS02

Tgt Ion:	53	Resp:	47837
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.8	100.2
51	37.1	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 80.39 ug/l

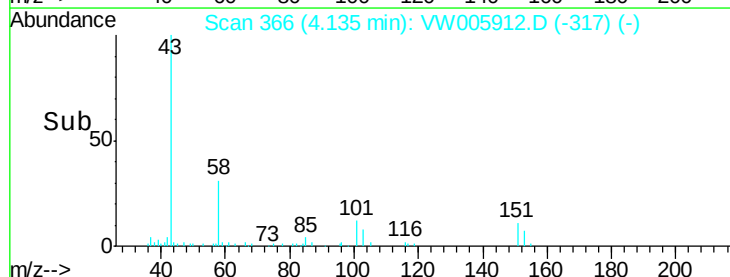
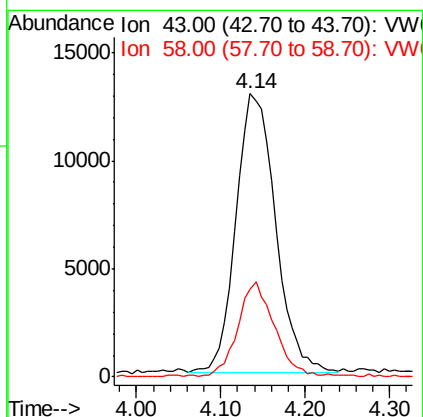
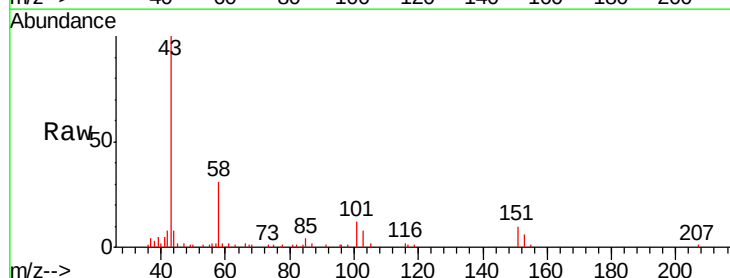
RT: 4.14 min Scan# 366

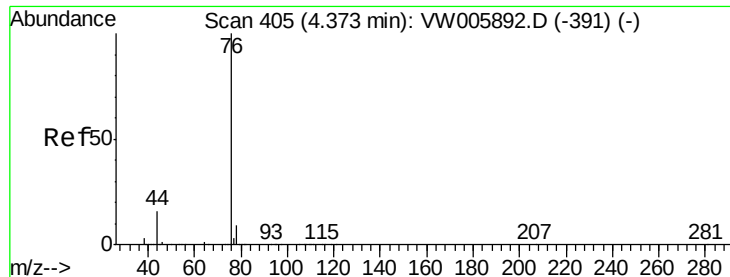
Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion:	43	Resp:	40854
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.7	37.1





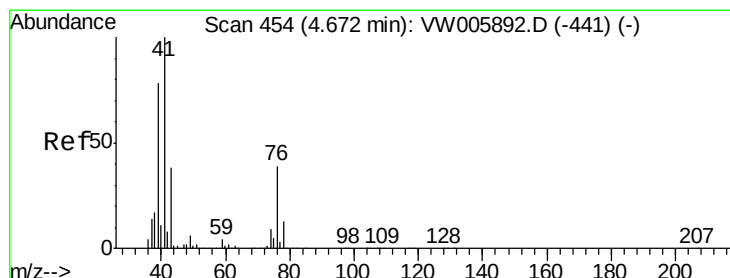
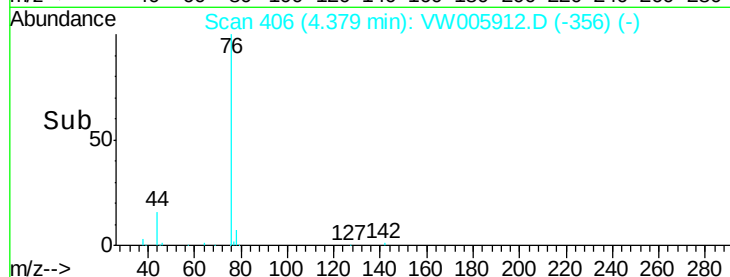
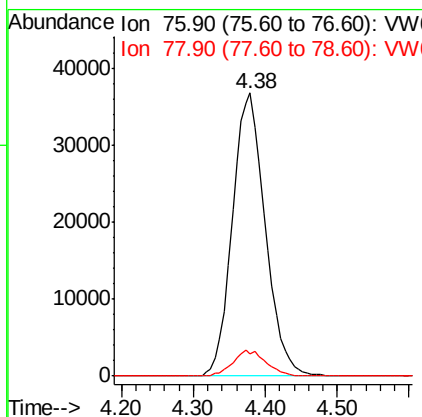
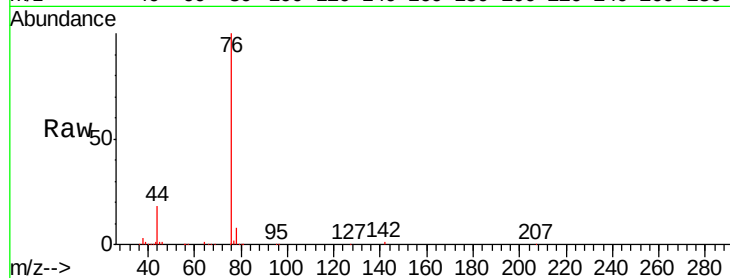
#17
Carbon Disulfide
Concen: 16.70 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.4	11.0

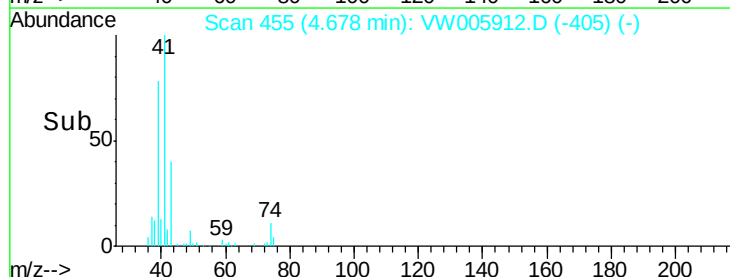
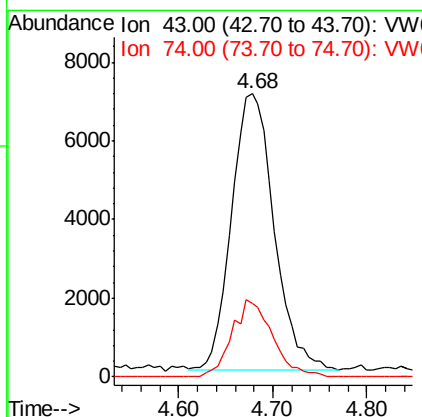
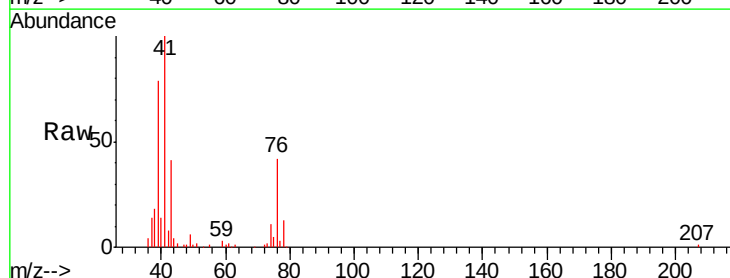
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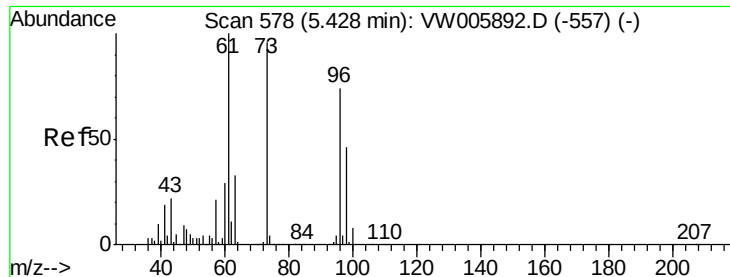
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#18
Methyl Acetate
Concen: 17.28 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	19.2	28.8





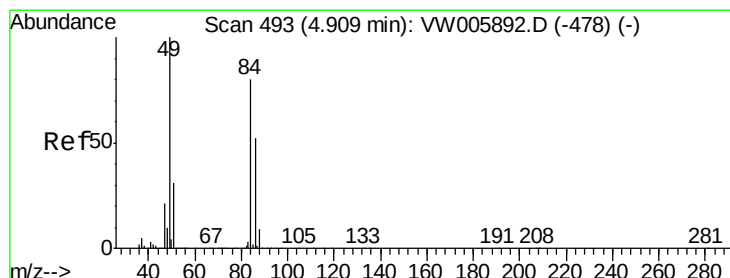
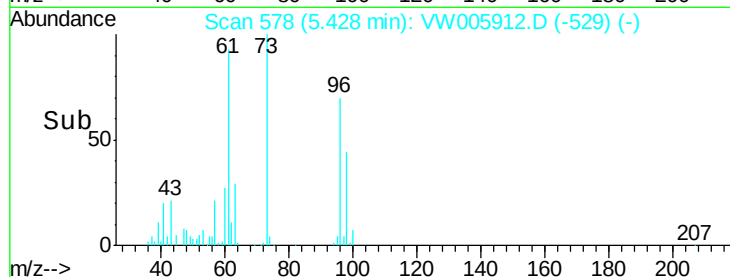
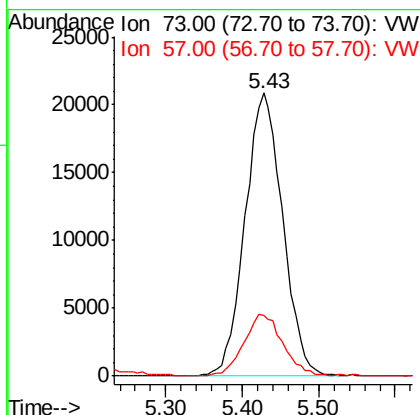
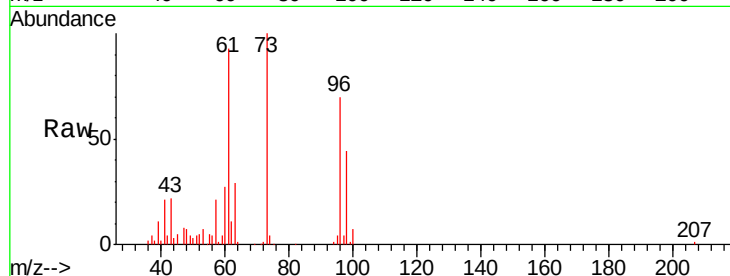
#19
Methyl tert-butyl Ether
Concen: 19.90 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion: 73 Resp: 71411
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5

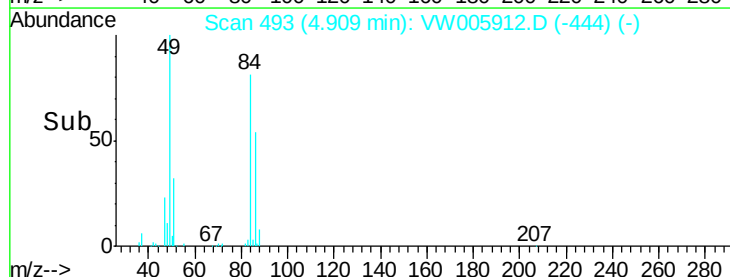
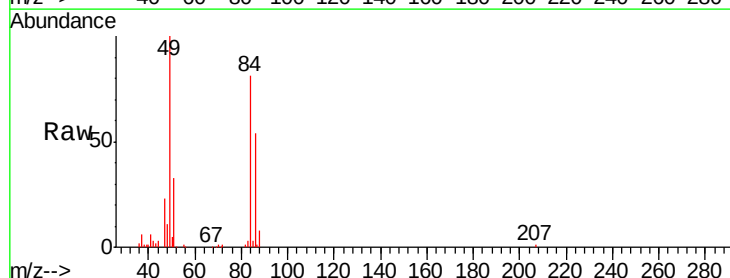
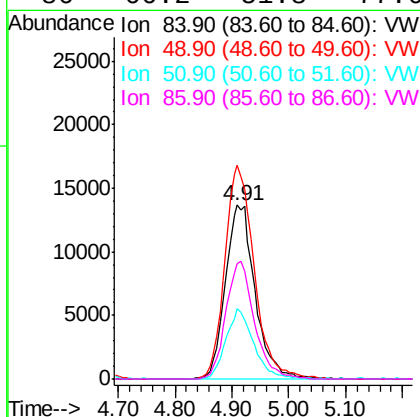
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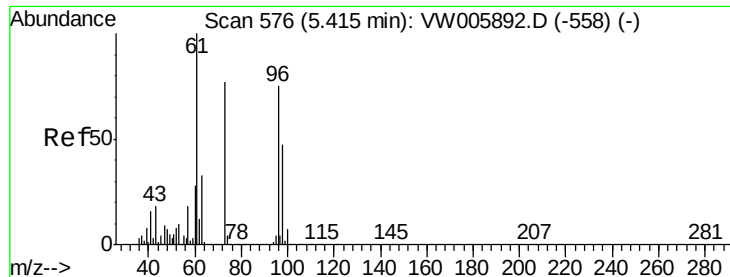
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#20
Methylene Chloride
Concen: 19.55 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 84 Resp: 49789
Ion Ratio Lower Upper
84 100
49 123.0 99.9 149.9
51 40.3 31.1 46.7
86 66.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.59 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

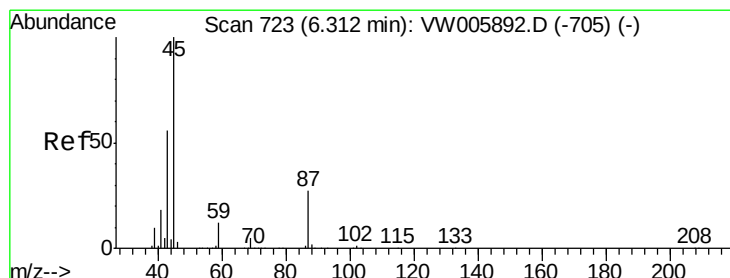
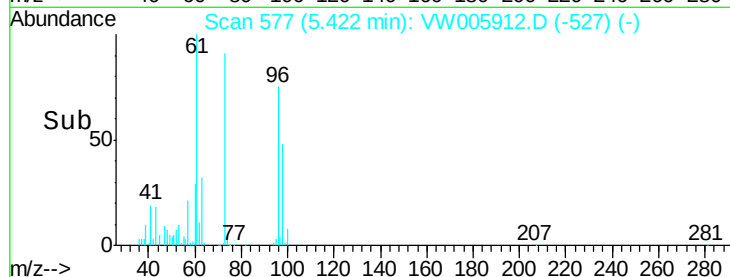
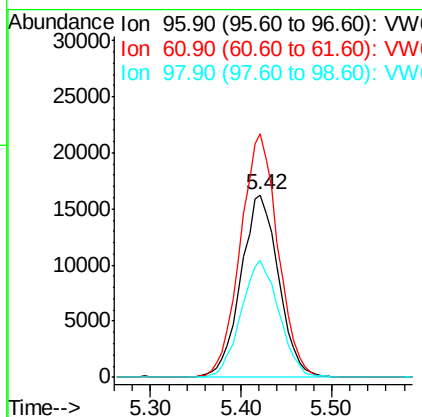
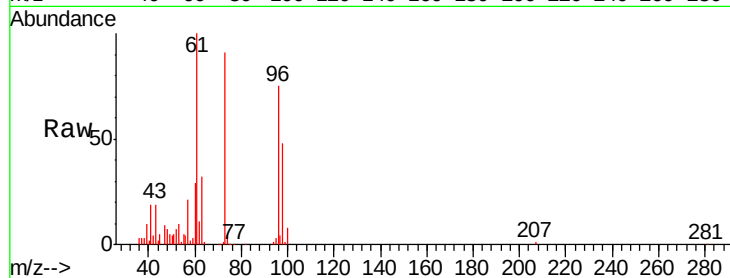
ClientSampleId :

VW1008SBS02

Tgt Ion:	96	Resp:	46746
Ion	Ratio	Lower	Upper
96	100		
61	133.2	107.4	161.0
98	63.7	50.8	76.2

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#22

Diisopropyl ether

Concen: 18.67 ug/l

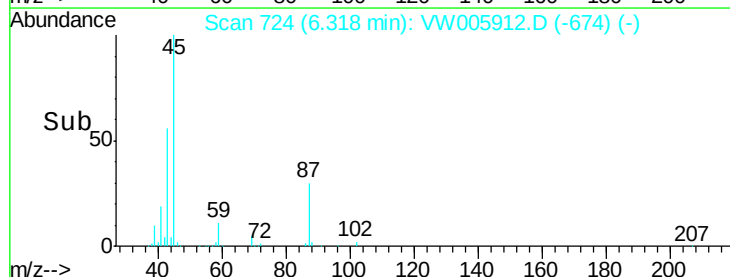
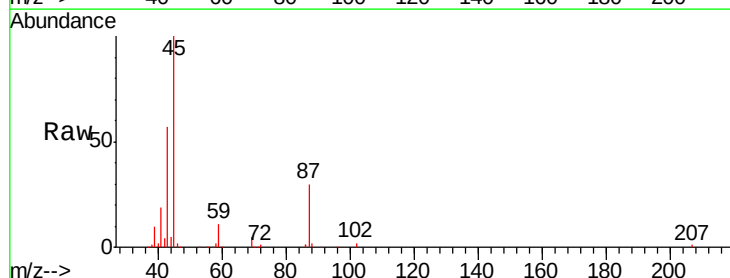
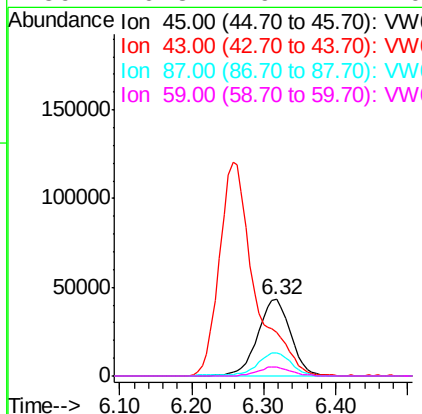
RT: 6.32 min Scan# 724

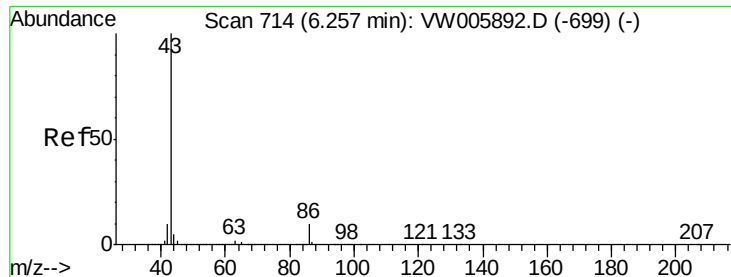
Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion:	45	Resp:	137292
Ion	Ratio	Lower	Upper
45	100		
43	55.9	45.9	68.9
87	29.6	22.2	33.4
59	10.8	9.4	14.0





#23

Vinyl Acetate

Concen: 89.96 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampled :

VW1008SBS02

Tgt Ion: 43 Resp: 407225

Ion Ratio Lower Upper

43 100

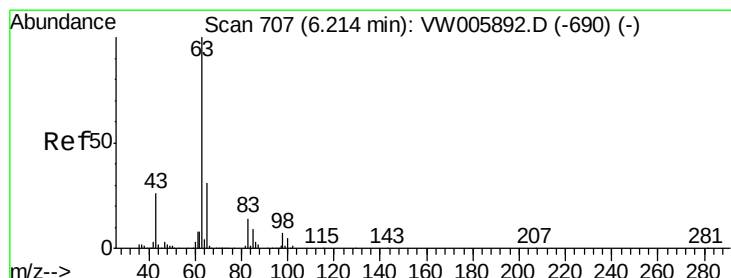
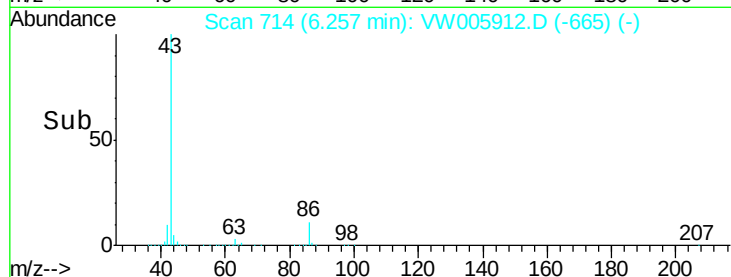
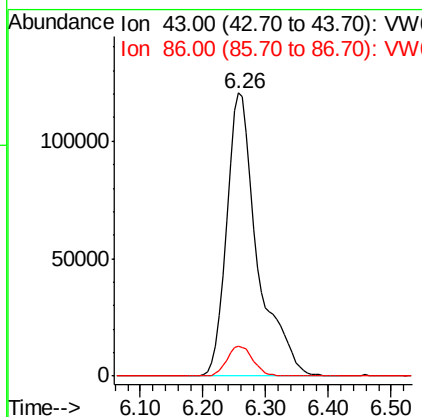
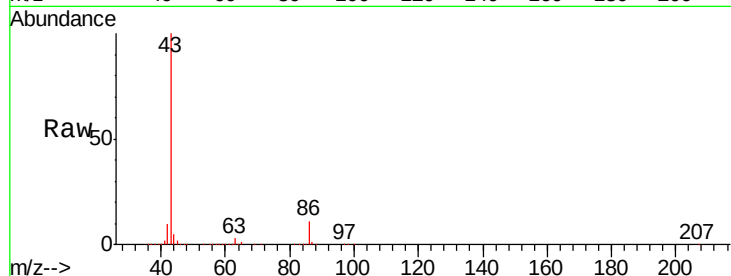
86 10.7 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 18.29 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

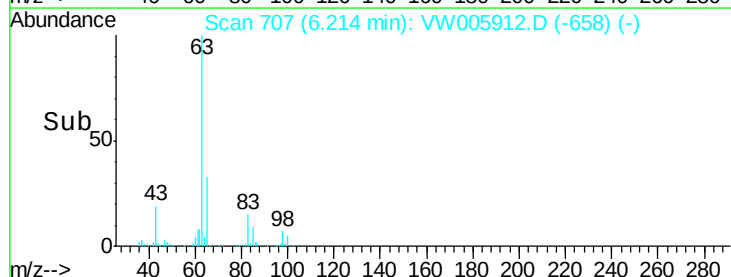
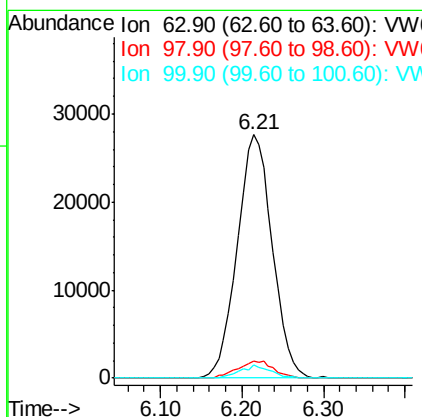
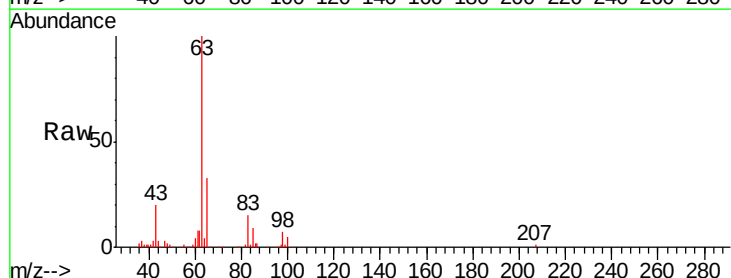
Tgt Ion: 63 Resp: 82314

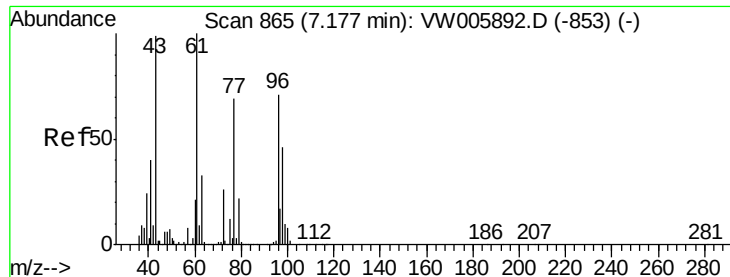
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 5.4 2.4 7.1





#25

2-Butanone

Concen: 88.16 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampled :

VW1008SBS02

Tgt Ion: 43 Resp: 63723

Ion Ratio Lower Upper

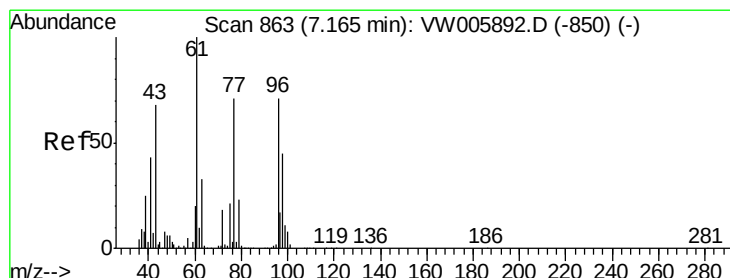
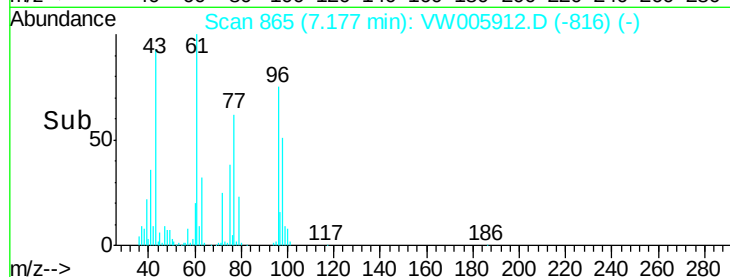
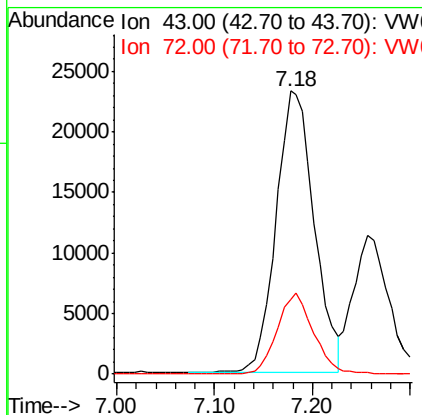
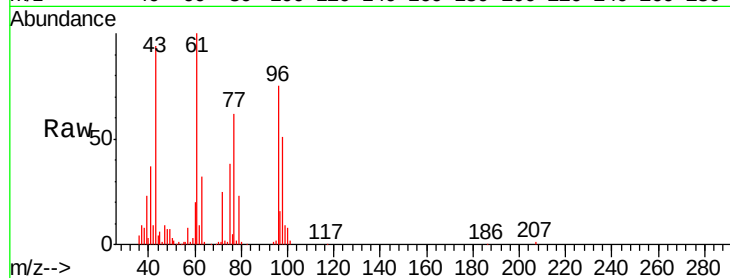
43 100

72 26.4 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 16.83 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005912.D

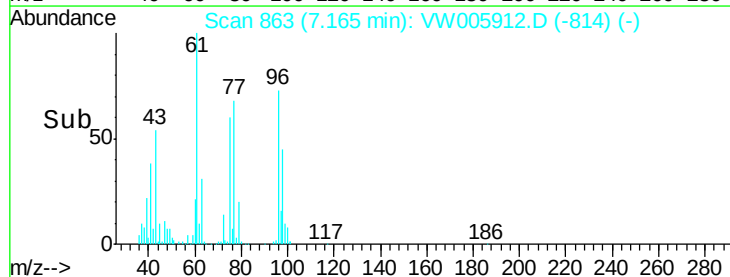
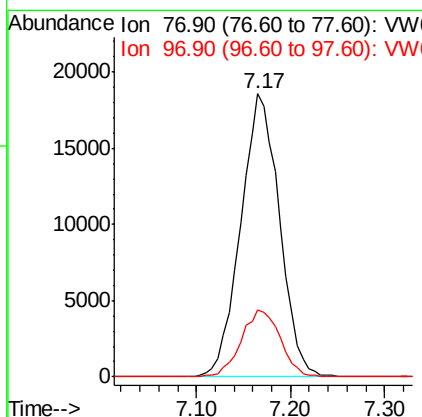
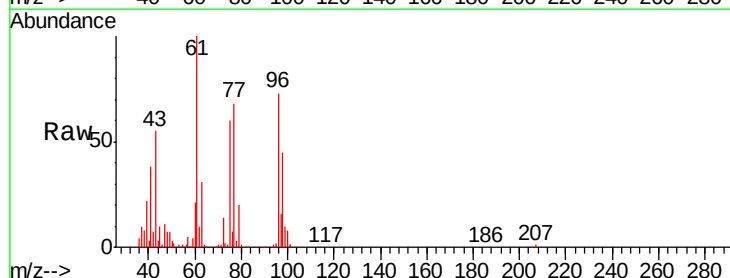
Acq: 09 Oct 2018 00:36

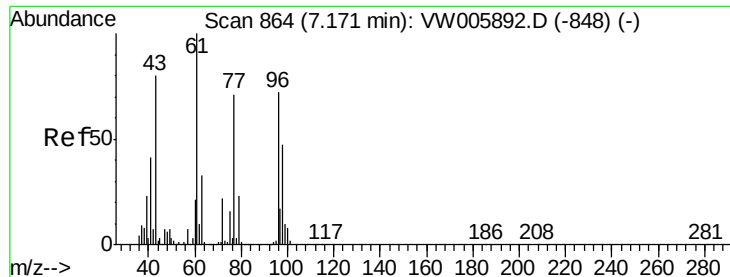
Tgt Ion: 77 Resp: 53300

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 19.22 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

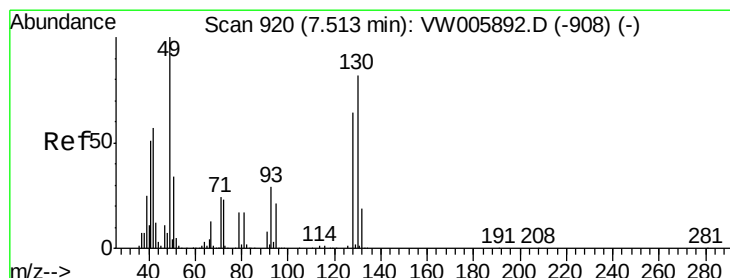
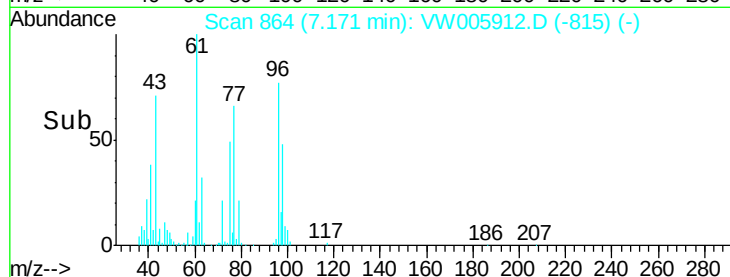
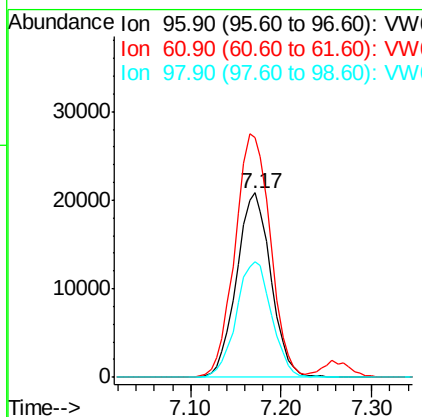
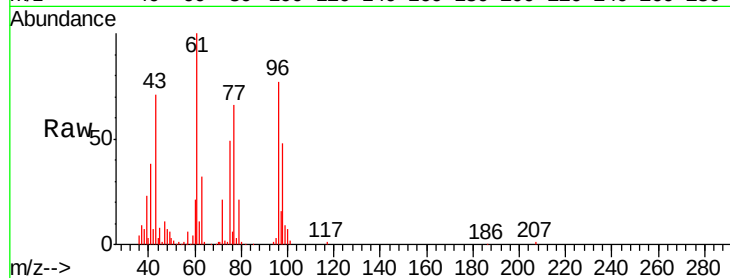
ClientSampleId :

VW1008SBS02

Tgt Ion:	96	Resp:	54664
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	284.0
98	64.4	0.0	129.8

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#28

Bromochloromethane

Concen: 19.42 ug/l

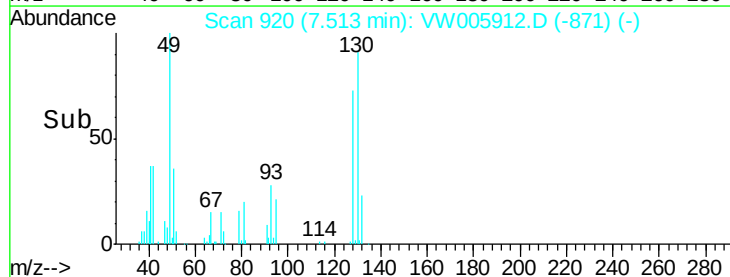
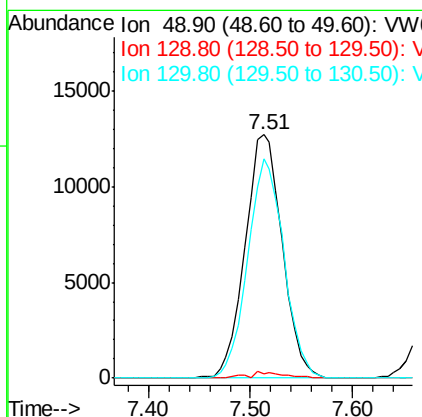
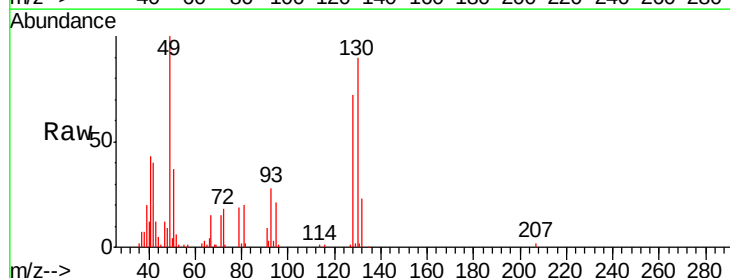
RT: 7.51 min Scan# 920

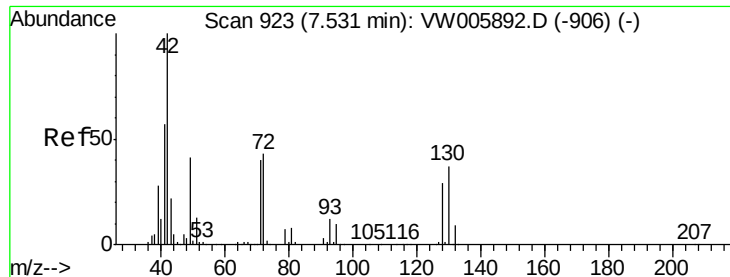
Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion:	49	Resp:	32267
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	87.8	66.9	100.3





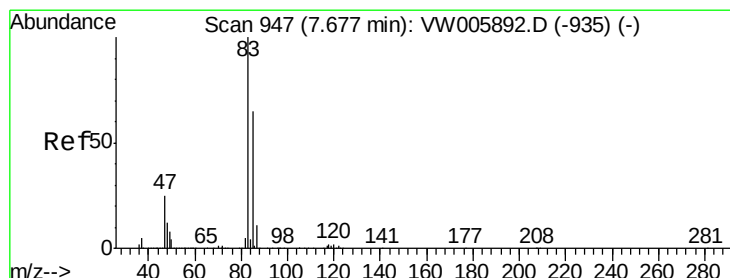
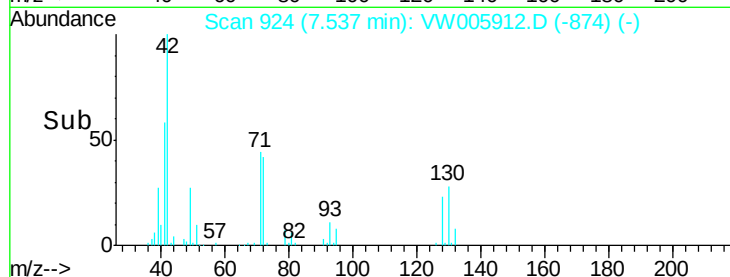
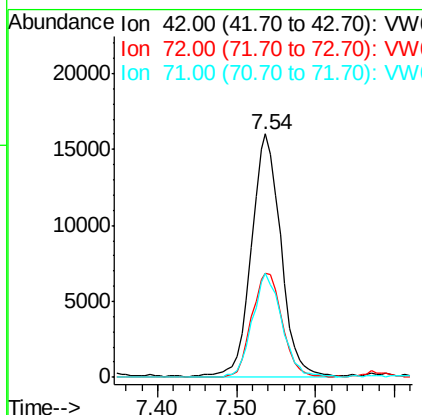
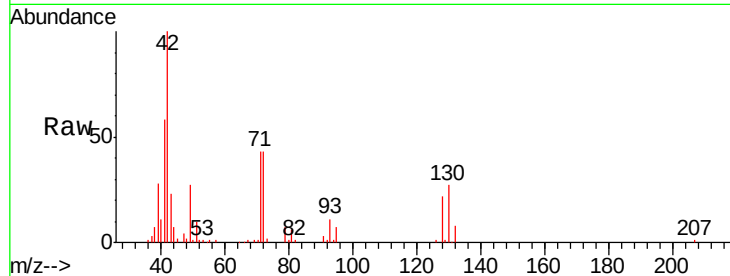
#29
Tetrahydrofuran
Concen: 91.83 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.6	51.8
71	42.4	32.6	49.0

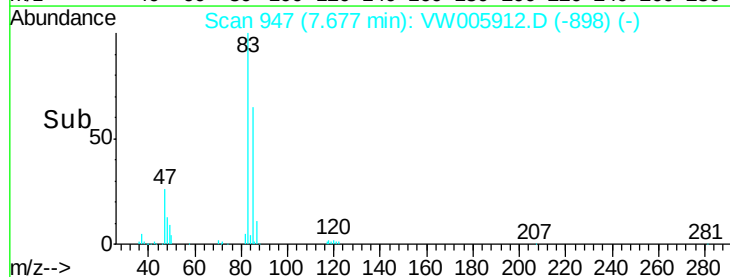
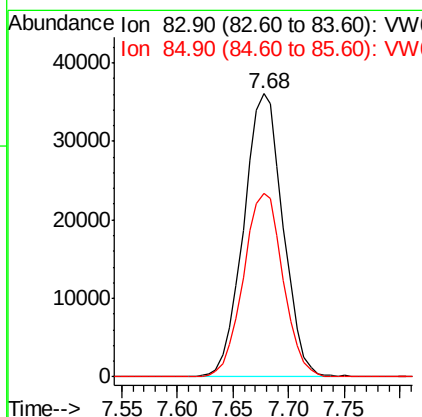
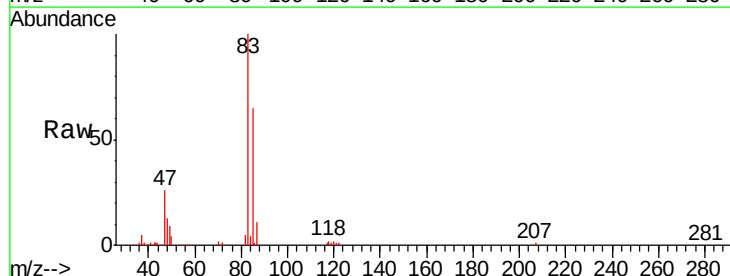
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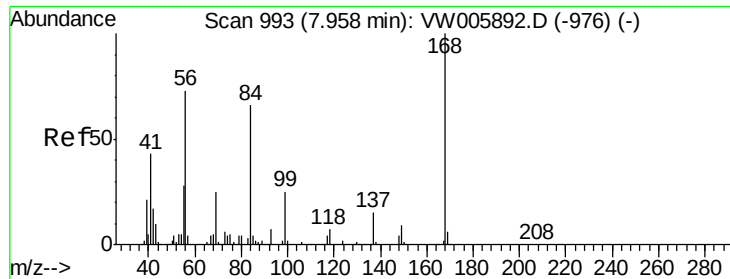
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#30
Chloroform
Concen: 19.11 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





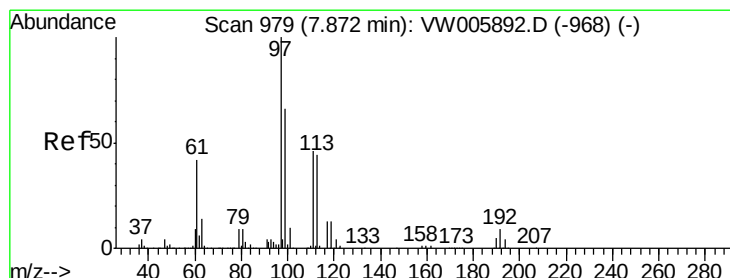
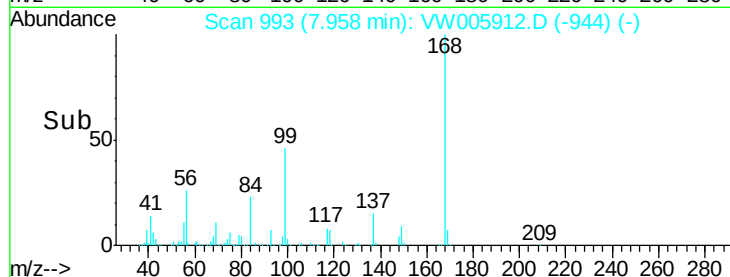
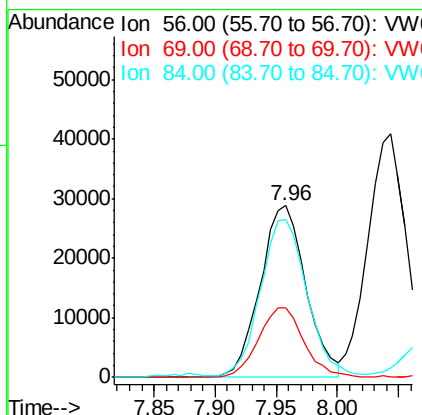
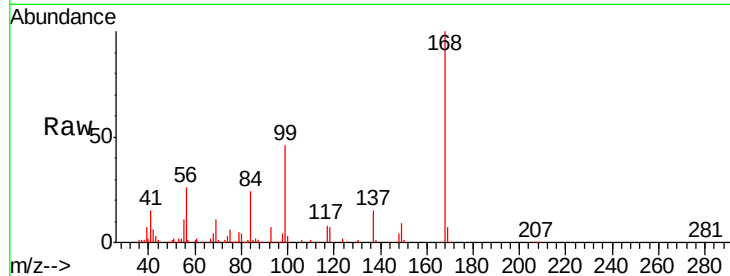
#31
Cyclohexane
Concen: 16.87 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampled :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.3	27.9	41.9
84	89.8	72.3	108.5

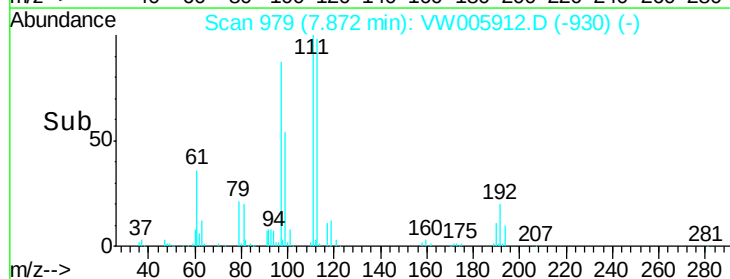
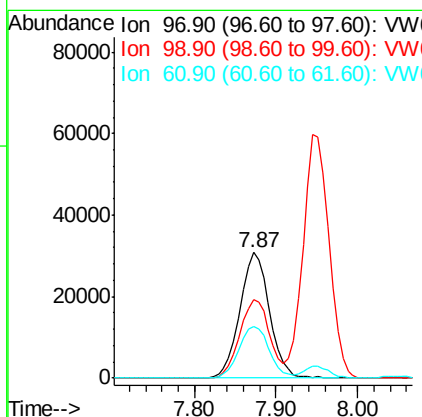
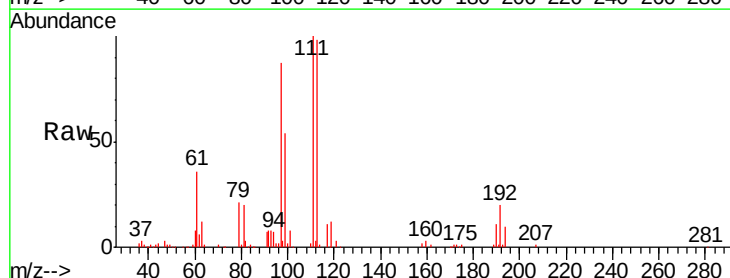
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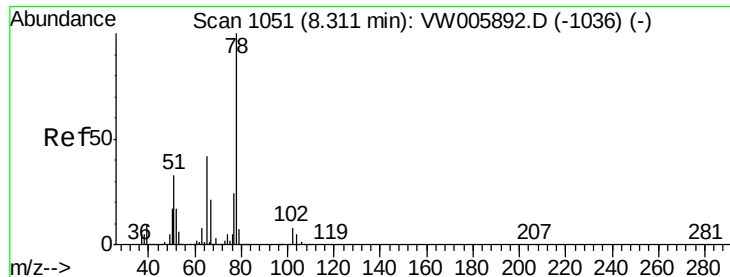
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#32
1,1,1-Trichloroethane
Concen: 18.87 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

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





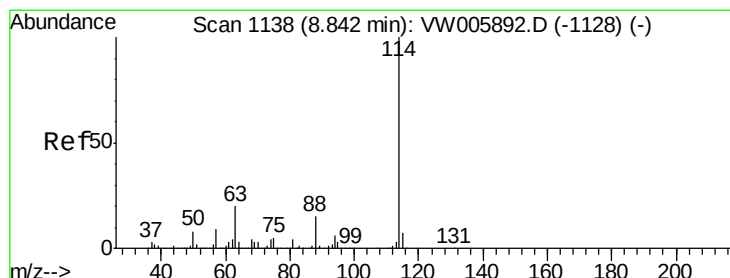
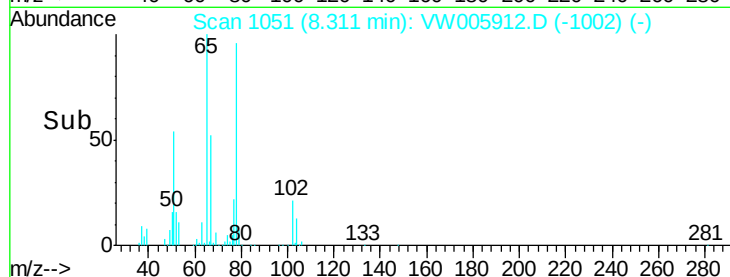
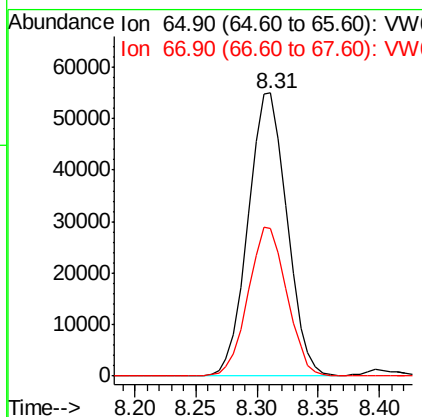
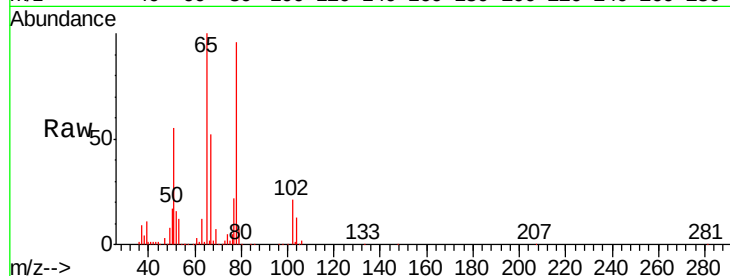
#33
 1,2-Dichloroethane-d4
 Concen: 47.91 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	121891		
67	52.3	0.0	104.6	

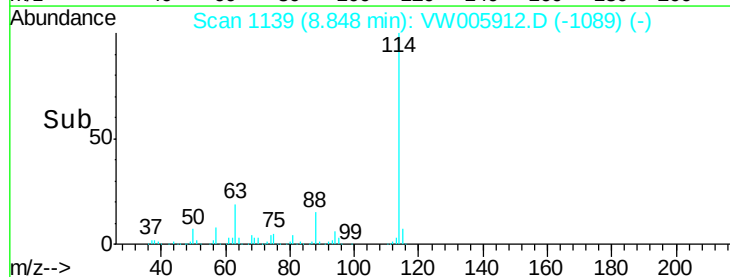
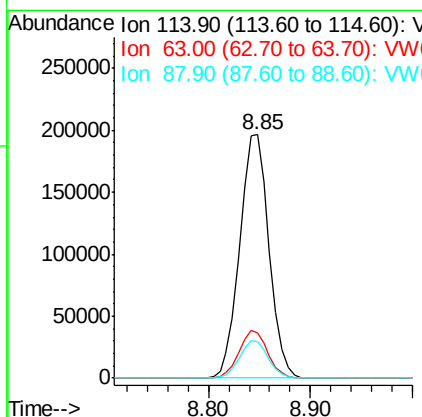
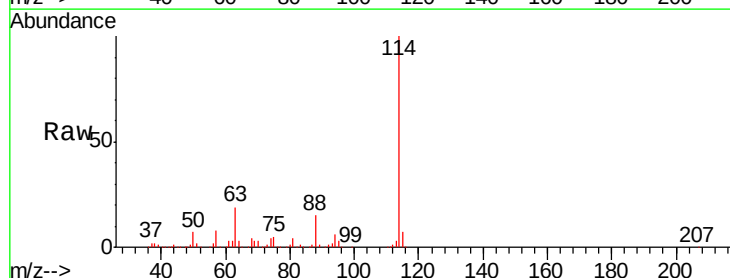
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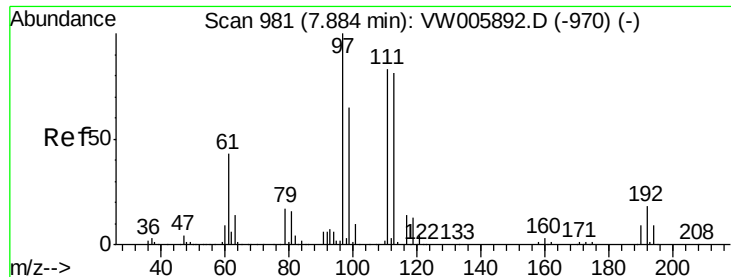
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	390061		
63	18.7	0.0	39.2	
88	14.8	0.0	30.8	





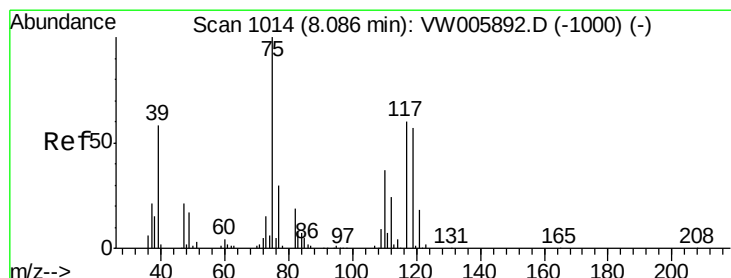
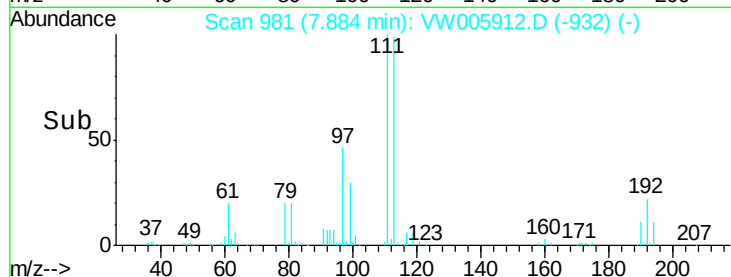
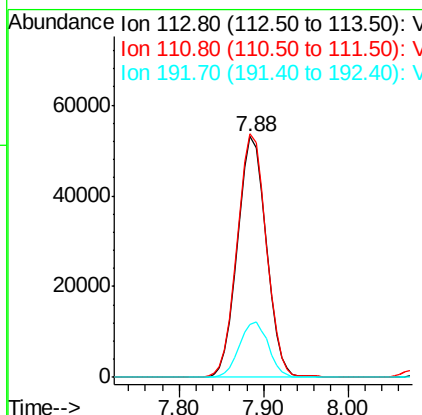
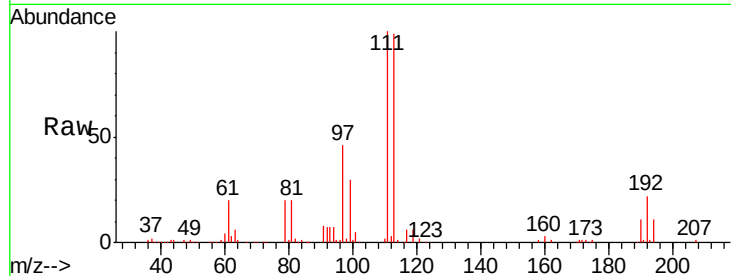
#35
 Dibromofluoromethane
 Concen: 49.26 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	122675		
111	101.9	82.0	123.0	
192	23.1	18.3	27.5	

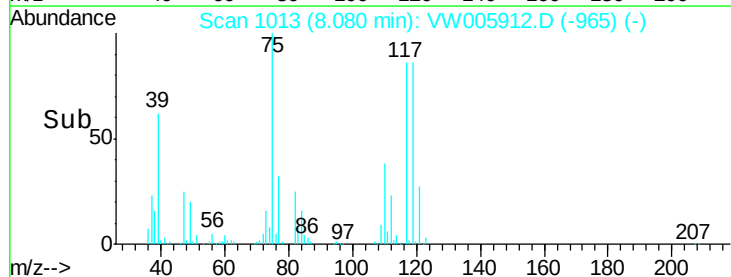
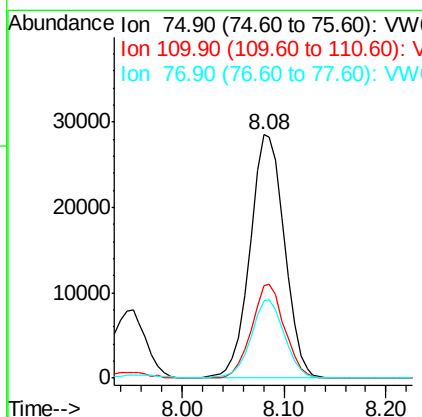
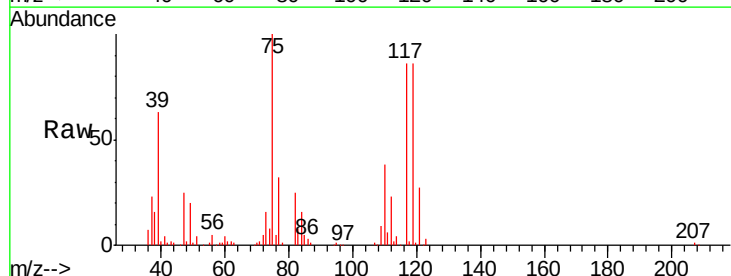
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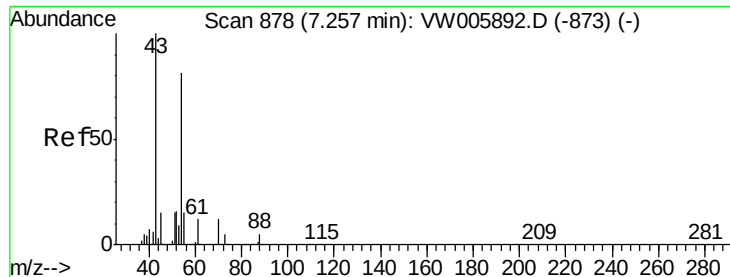
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#36
 1,1-Dichloropropene
 Concen: 17.91 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66947		
110	36.8	18.6	56.0	
77	31.3	24.7	37.1	





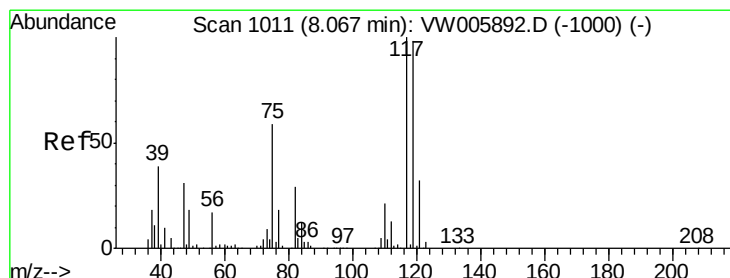
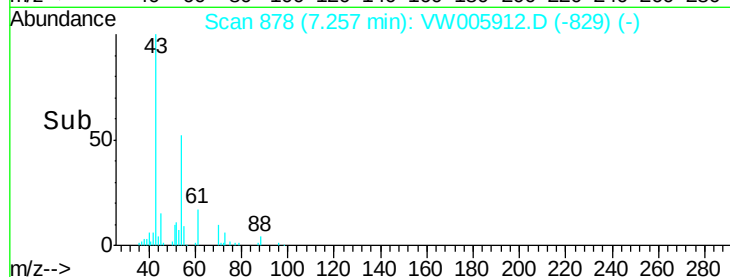
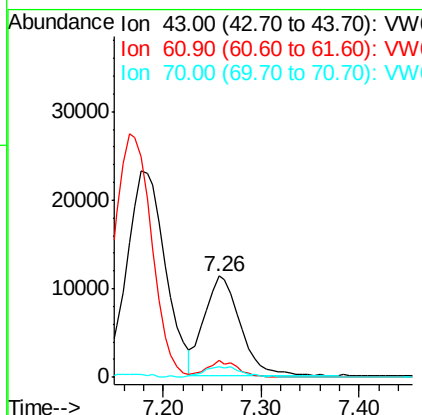
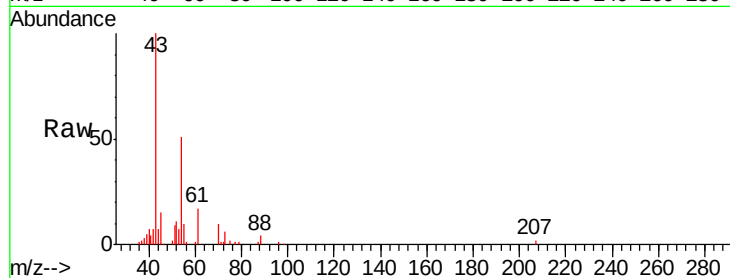
#37
Ethyl Acetate
Concen: 18.25 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.6	16.0
70	11.6	8.6	13.0

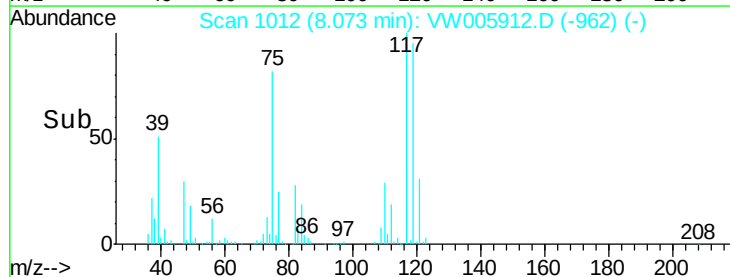
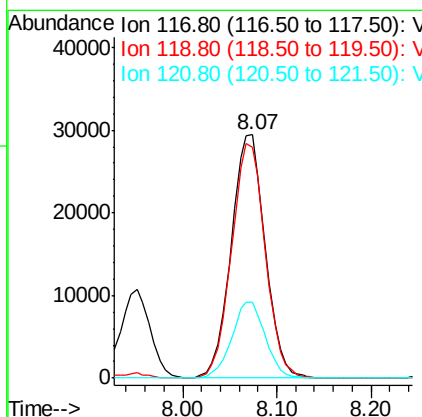
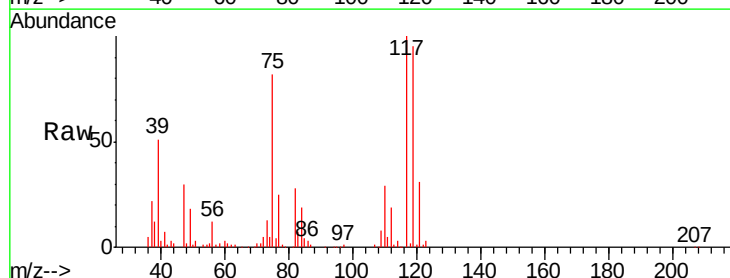
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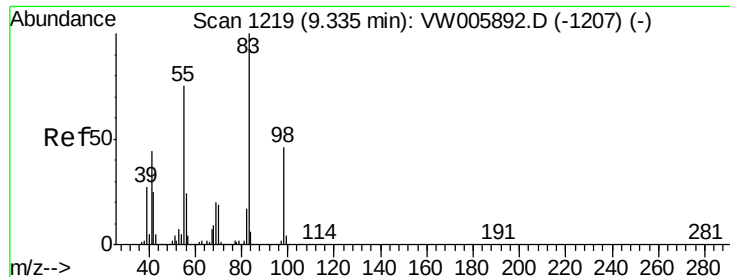
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#38
Carbon Tetrachloride
Concen: 18.32 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.6	117.8
121	31.4	25.3	37.9





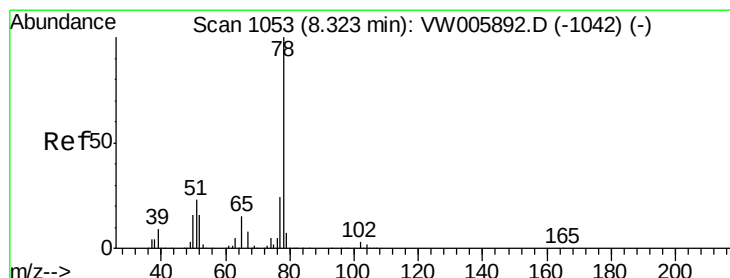
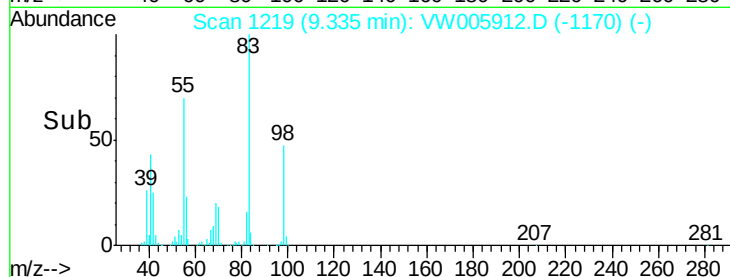
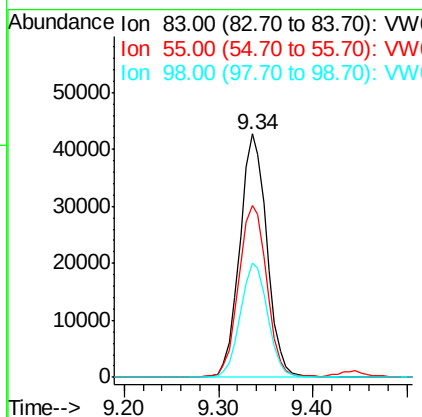
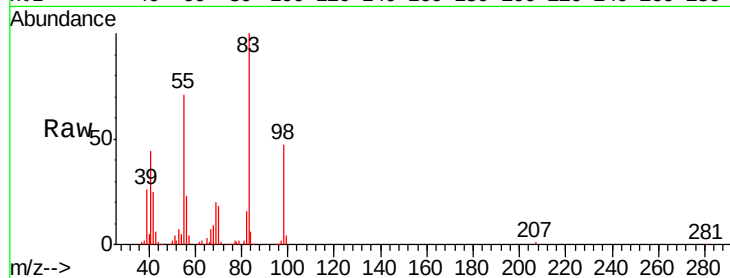
#39
Methylcyclohexane
Concen: 17.43 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.4	59.8	89.6
98	47.1	37.1	55.7

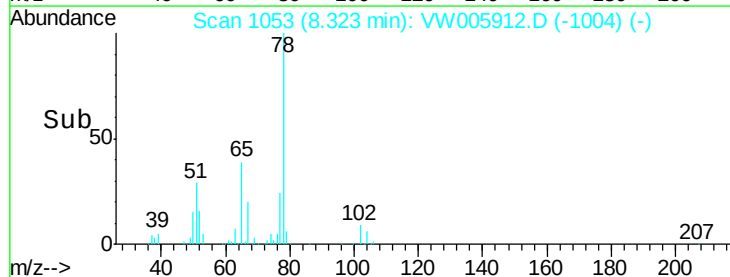
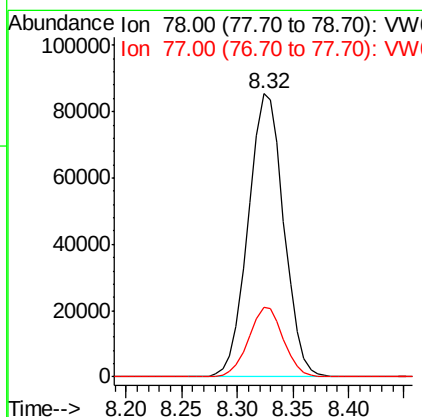
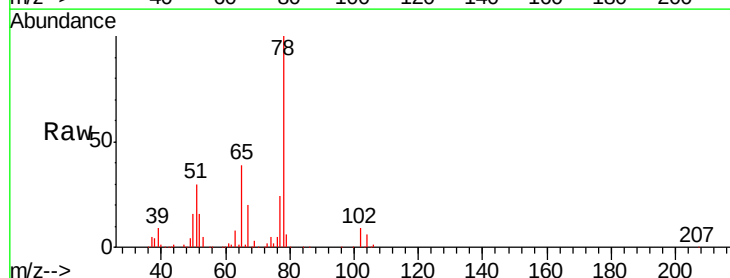
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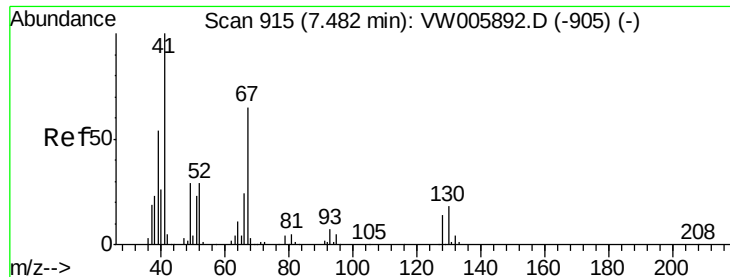
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#40
Benzene
Concen: 18.61 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





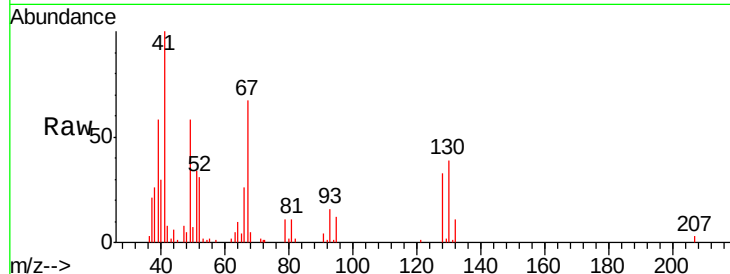
#41
Methacrylonitrile
Concen: 17.07 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampled :
VW1008SBS02

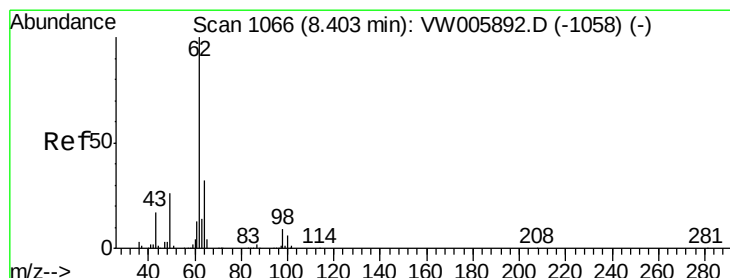
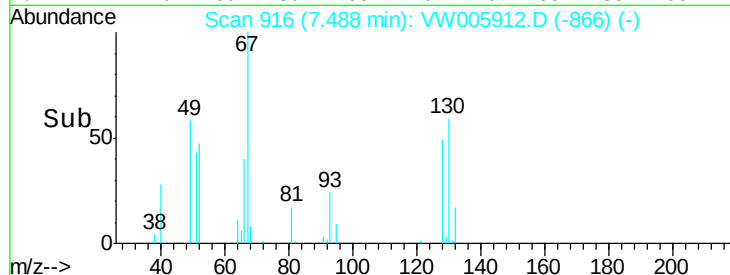
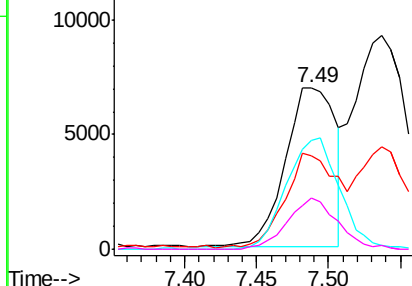
Tgt Ion	Ratio	Resp	Lower	Upper
41	100	16911		
39	61.5	45.0	67.4	
67	74.5	55.8	83.8	
52	31.8	25.3	37.9	

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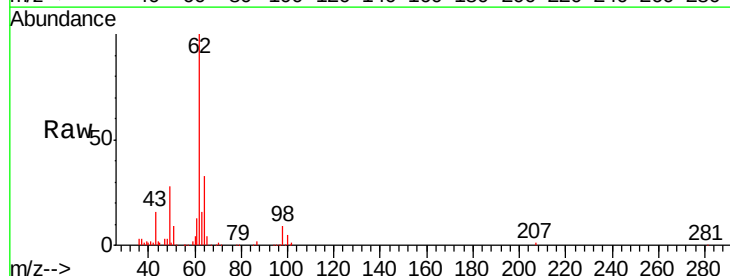


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

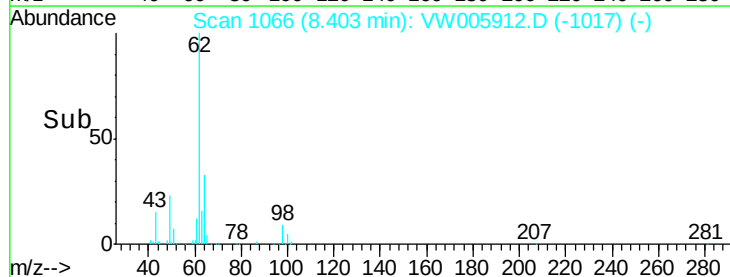
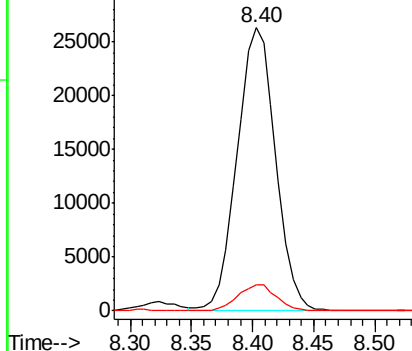


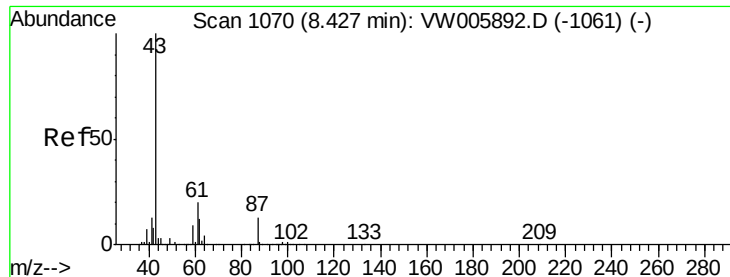
#42
1,2-Dichloroethane
Concen: 18.54 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	57296		
98	9.3	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: 18.09 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

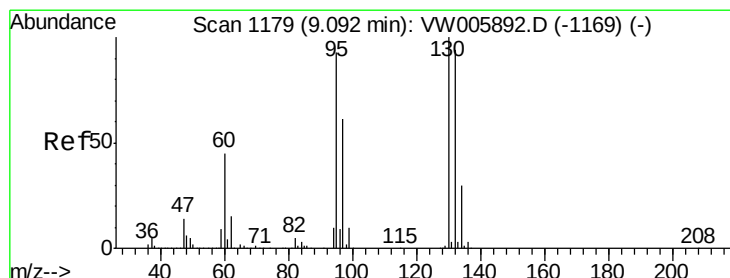
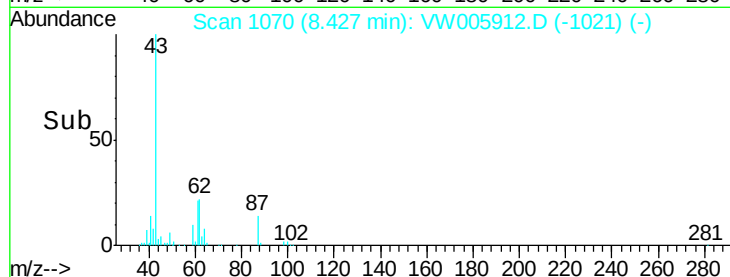
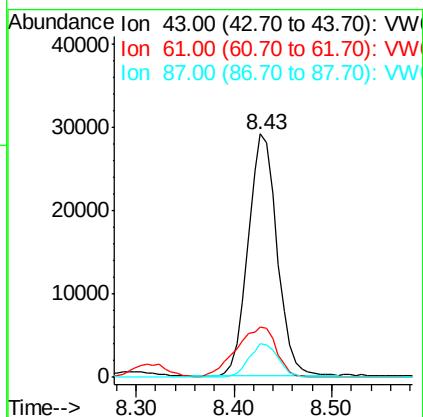
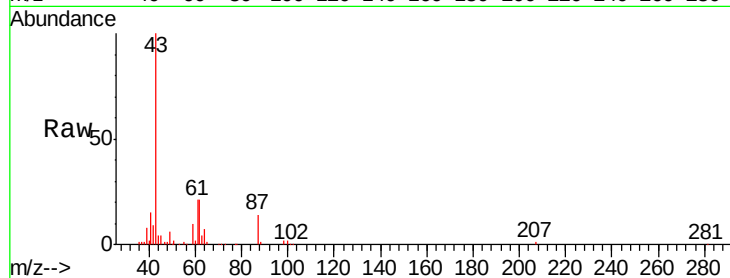
ClientSampleId :

VW1008SBS02

Tgt Ion:	43	Resp:	59797
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.1	34.7
87	14.2	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 18.91 ug/l

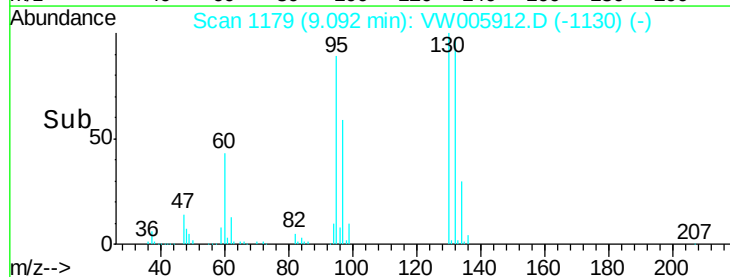
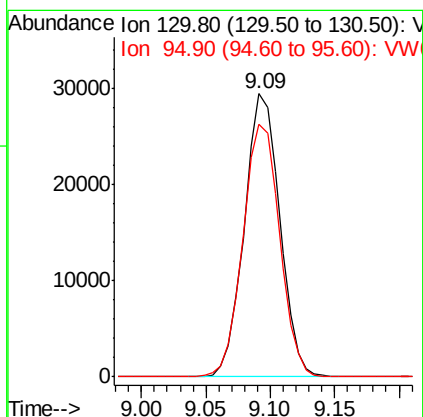
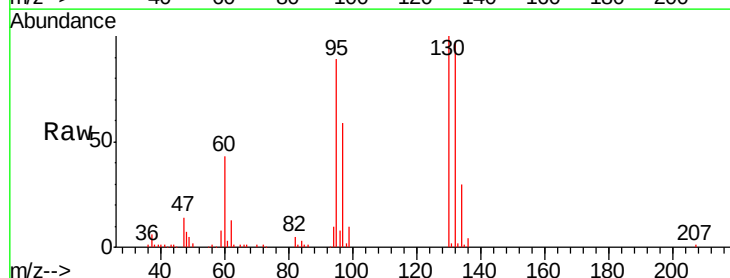
RT: 9.09 min Scan# 1179

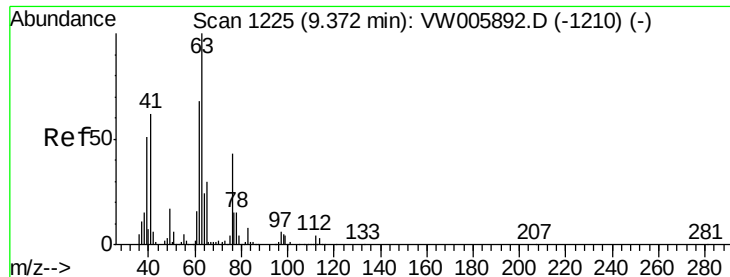
Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion:	130	Resp:	56133
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	185.6





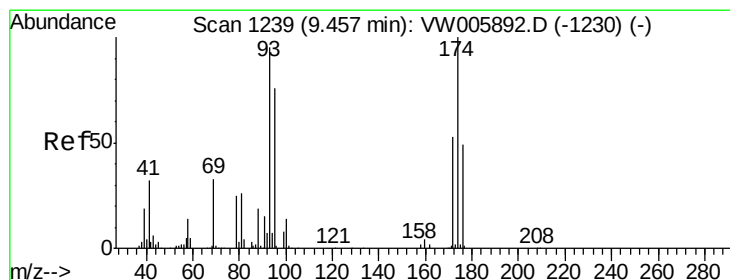
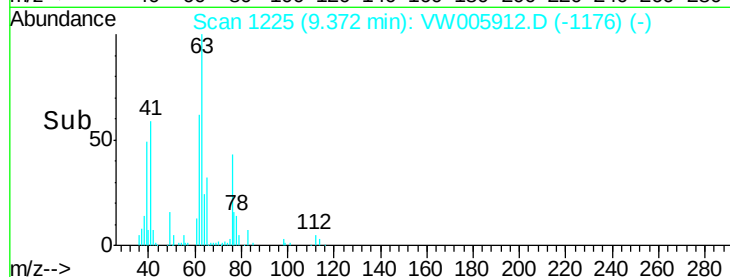
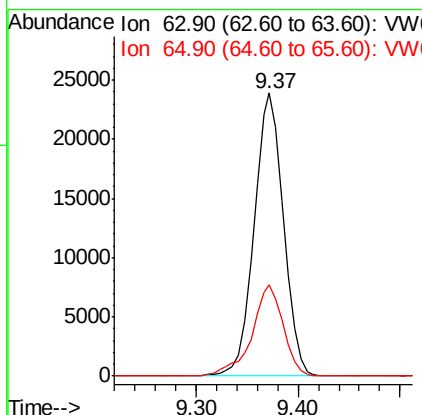
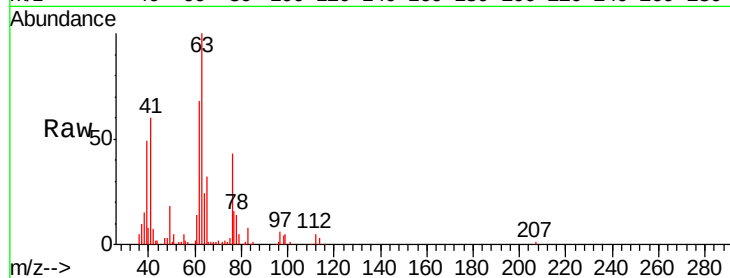
#45
 1,2-Dichloropropane
 Concen: 18.70 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.5	24.3	36.5

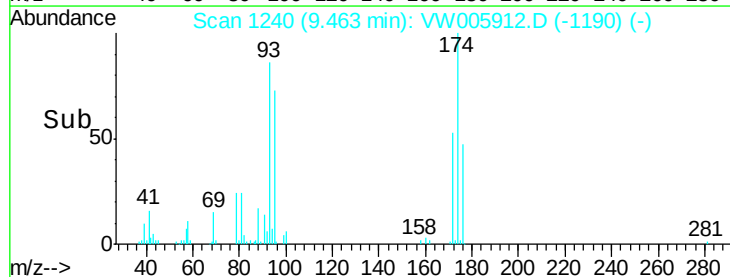
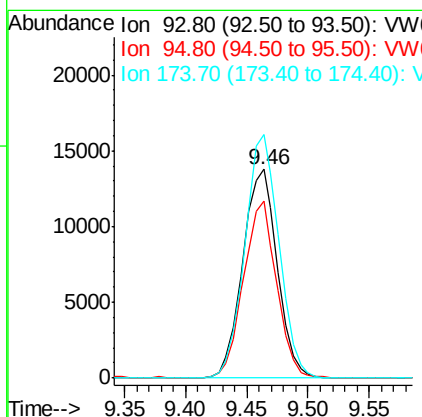
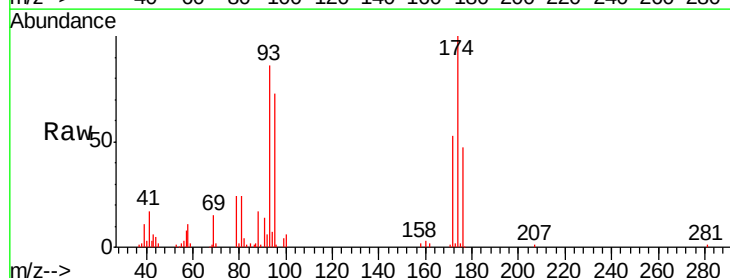
Manual Integrations
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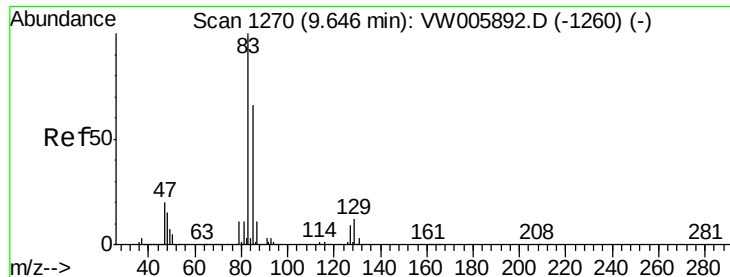
apatel
 10/9/2018 4:35:35 PM



#46
 Dibromomethane
 Concen: 19.22 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	66.6	99.8
174	115.4	90.4	135.6





#47

Bromodichloromethane

Concen: 18.39 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

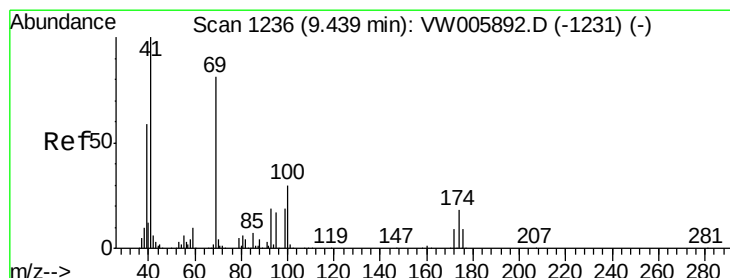
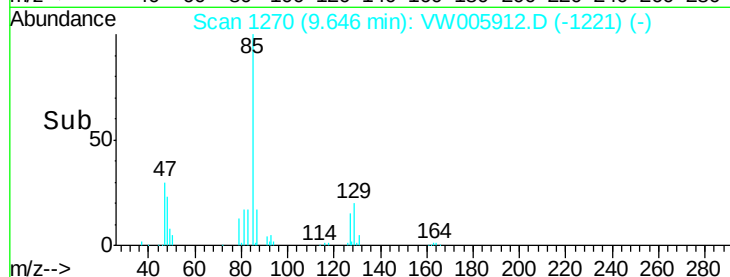
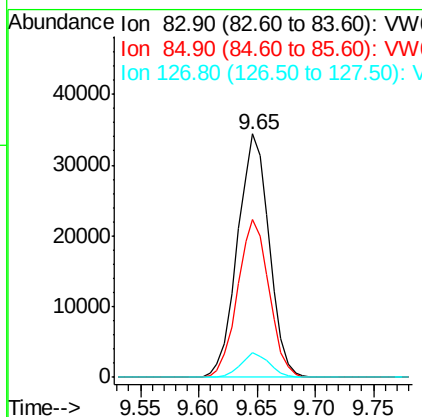
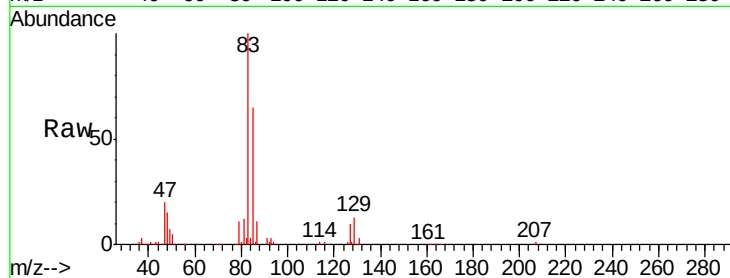
ClientSampleId :

VW1008SBS02

Tgt Ion:	83	Resp:	65125
Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.0	79.6
127	9.9	7.4	11.0

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#48

Methyl methacrylate

Concen: 17.71 ug/l

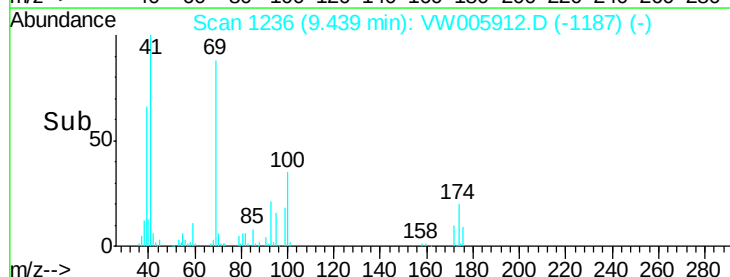
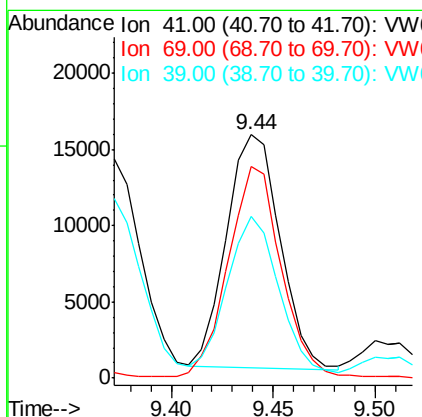
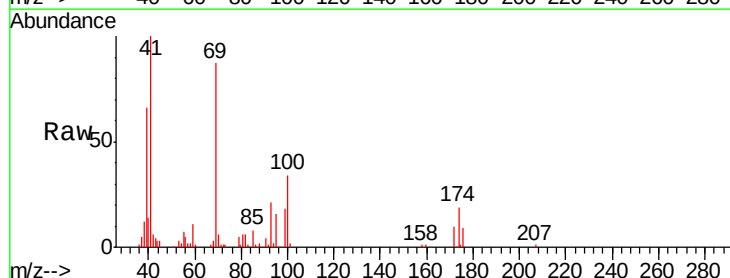
RT: 9.44 min Scan# 1236

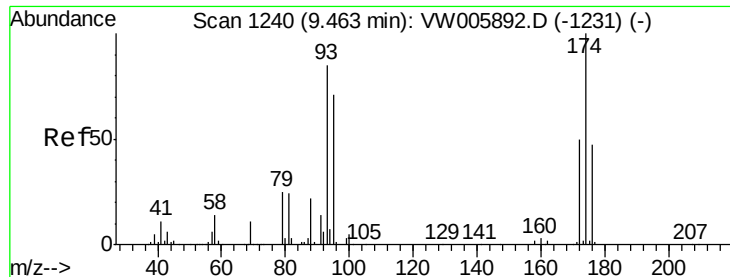
Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion:	41	Resp:	27897
Ion	Ratio	Lower	Upper
41	100		
69	91.1	68.7	103.1
39	63.8	50.0	75.0





#49

1,4-Dioxane

Concen: 410.55 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

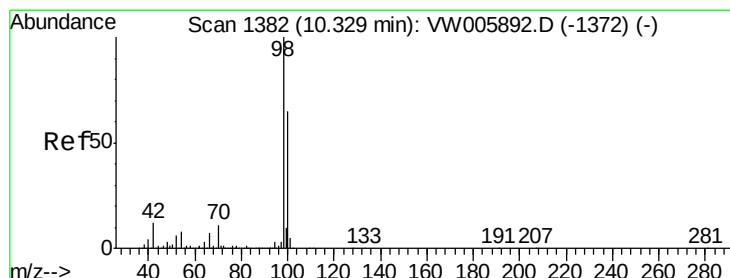
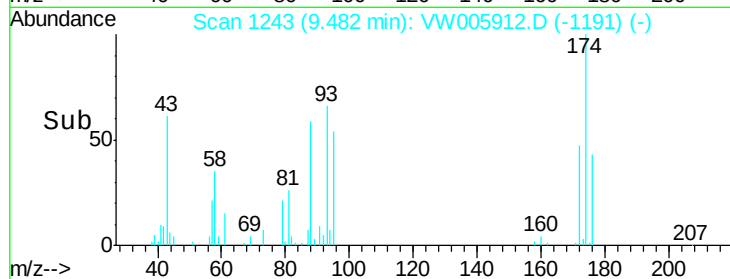
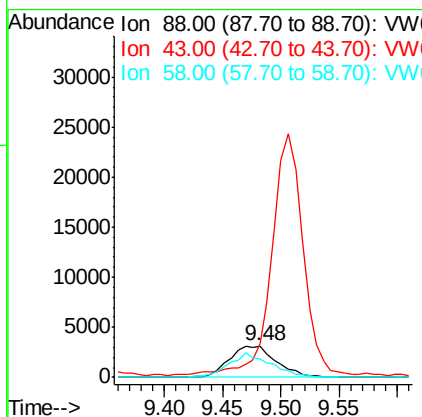
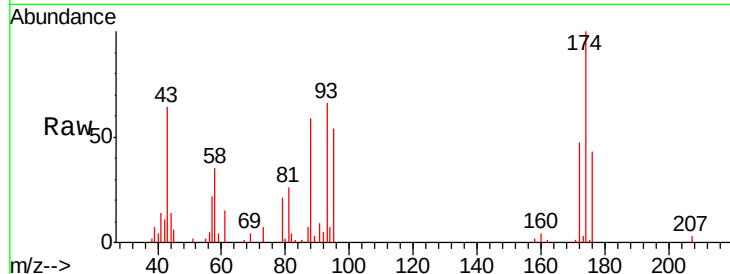
ClientSampleId :

VW1008SBS02

Tgt Ion:	88	Resp:	8776
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	70.8	57.7	86.5

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#50

Toluene-d8

Concen: 49.20 ug/l

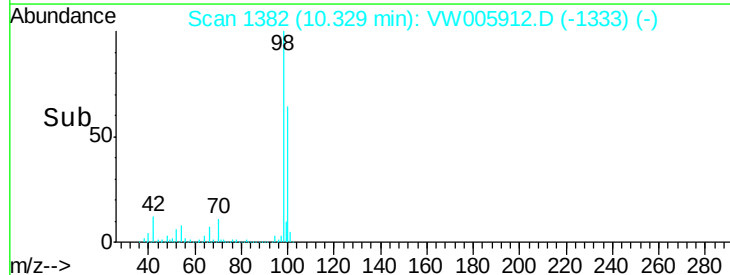
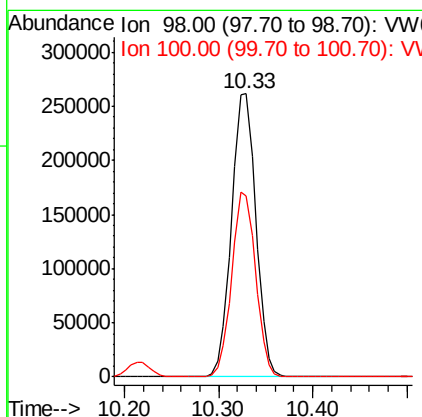
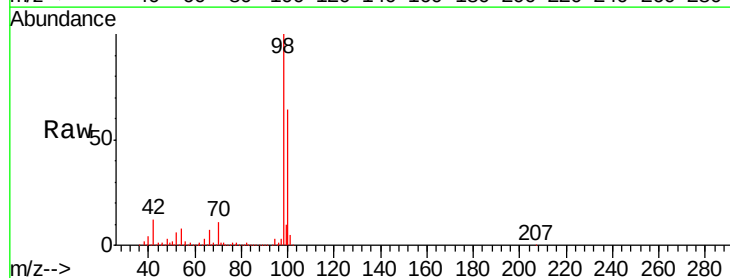
RT: 10.33 min Scan# 1382

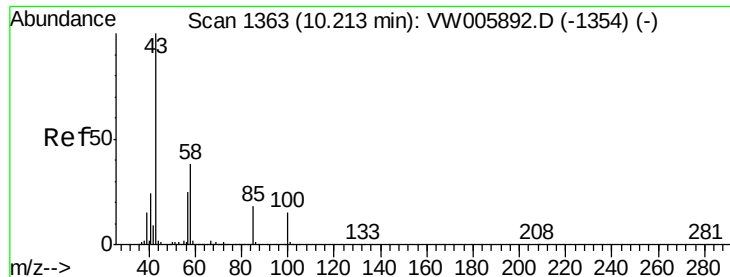
Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion:	98	Resp:	471427
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 92.98 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 43 Resp: 149704

Ion Ratio Lower Upper

43 100

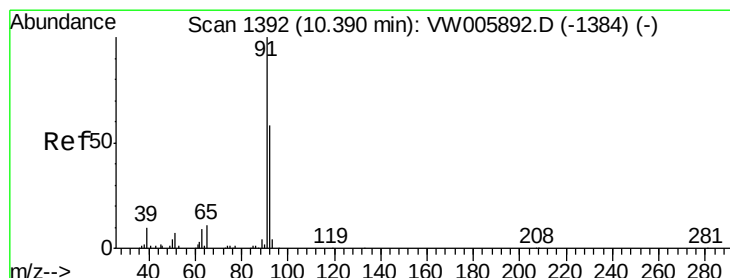
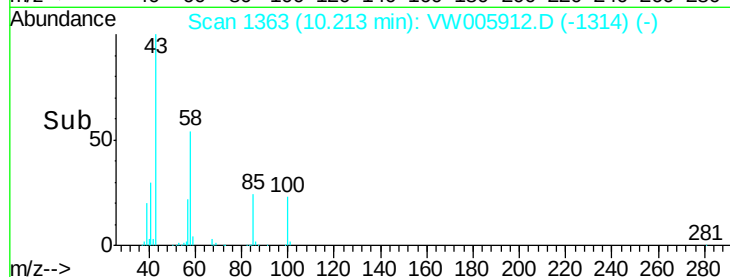
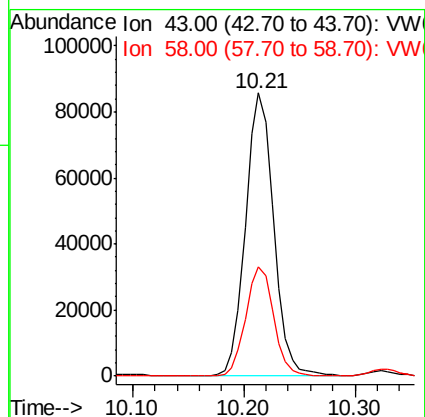
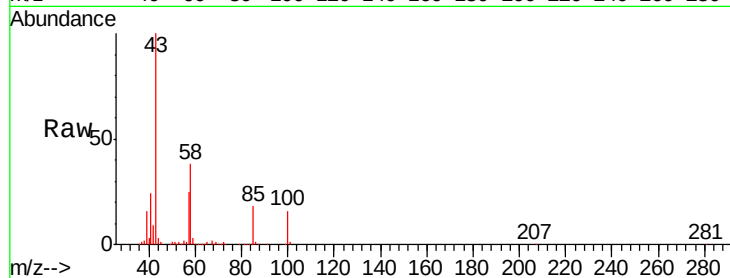
58 38.6 30.2 45.4

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#52

Toluene

Concen: 18.70 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005912.D

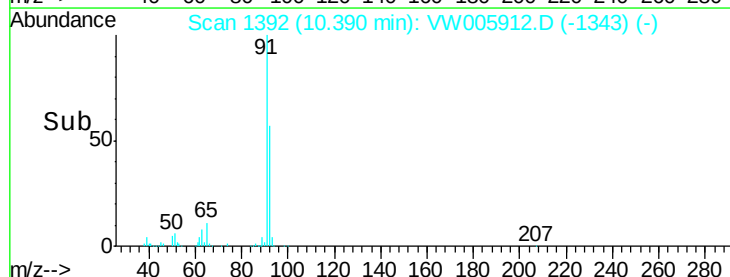
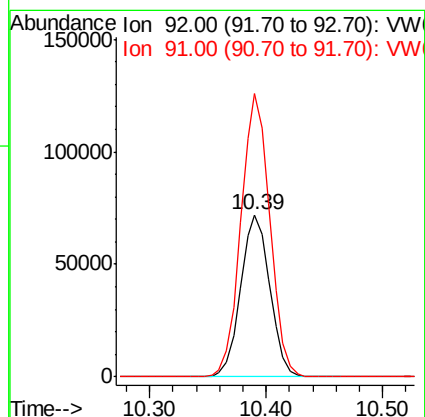
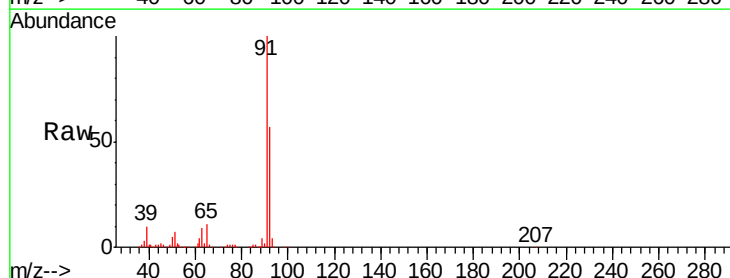
Acq: 09 Oct 2018 00:36

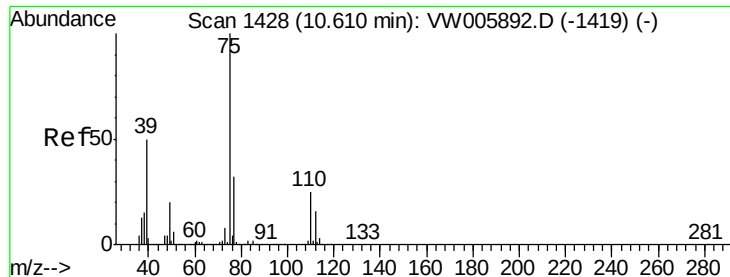
Tgt Ion: 92 Resp: 125679

Ion Ratio Lower Upper

92 100

91 173.1 138.2 207.4





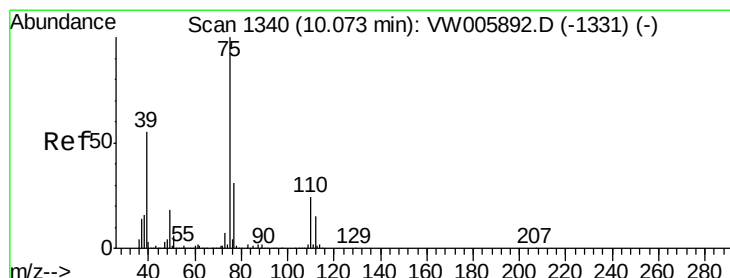
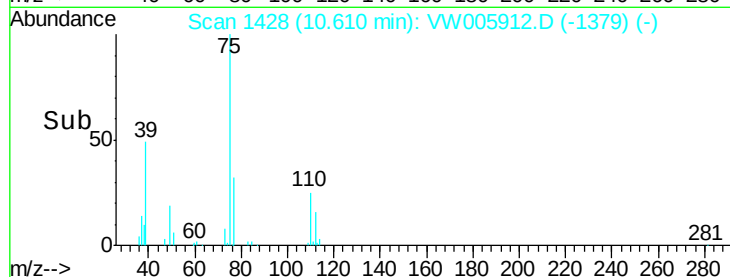
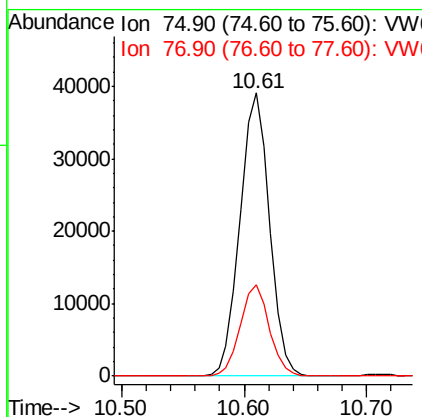
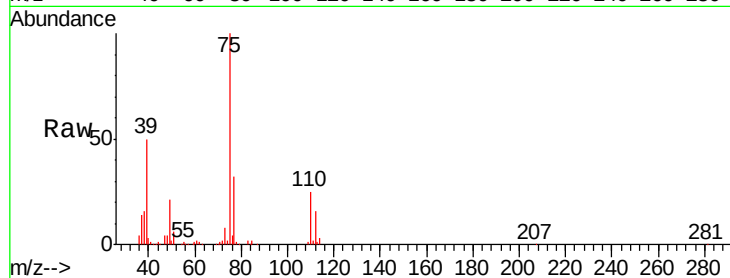
#53
t-1,3-Dichloropropene
Concen: 17.65 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion: 75 Resp: 65318
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

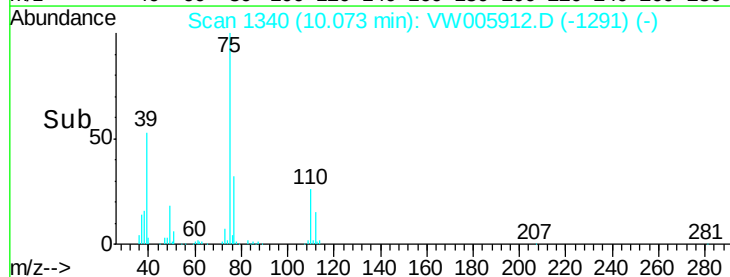
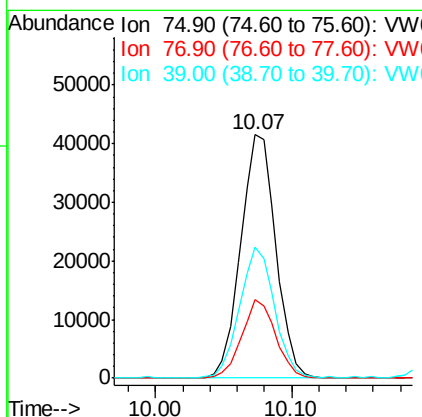
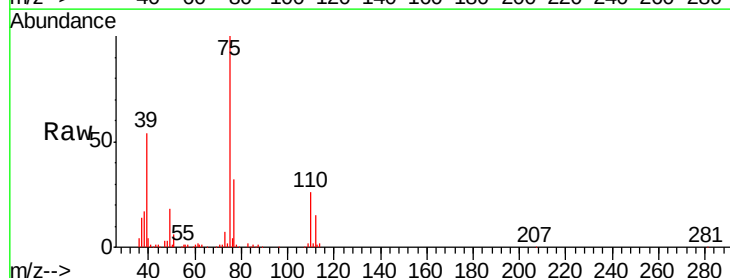
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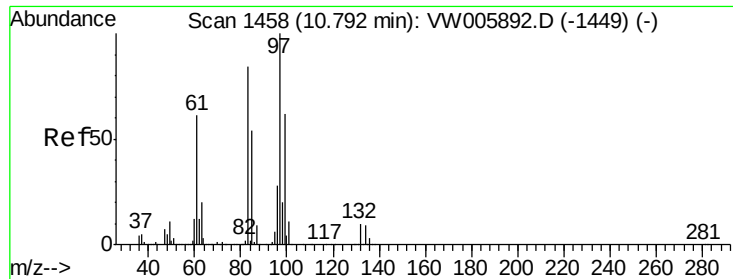
apatel
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#54
cis-1,3-Dichloropropene
Concen: 18.00 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 75 Resp: 74885
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0
39 53.4 44.2 66.4





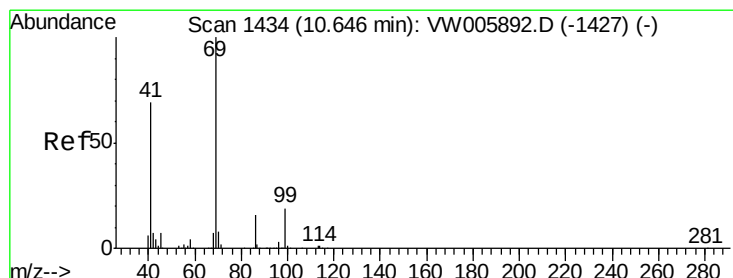
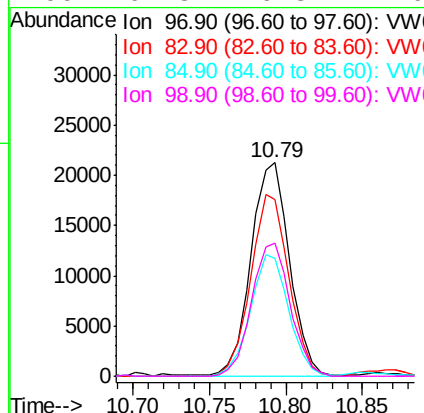
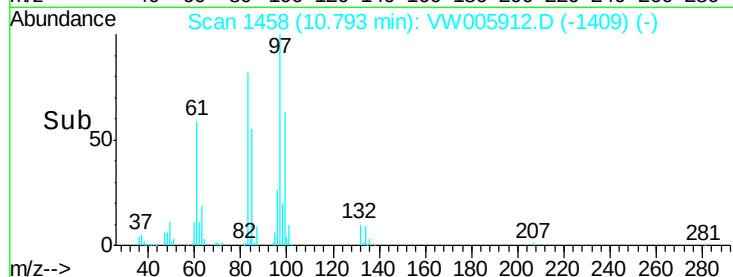
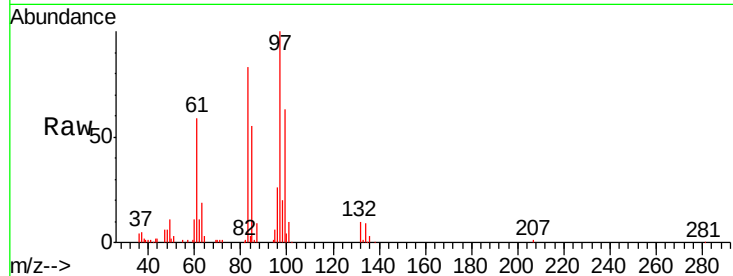
#55
 1,1,2-Trichloroethane
 Concen: 19.02 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.9	100.3
85	55.2	43.4	65.0
99	62.8	49.8	74.6

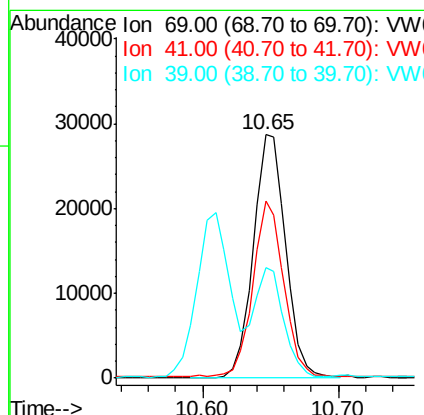
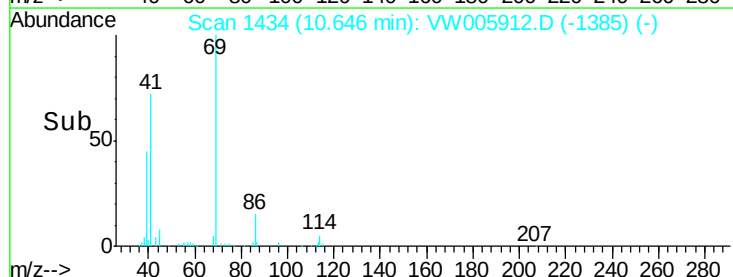
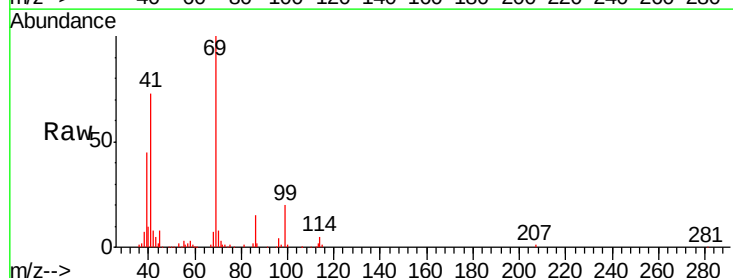
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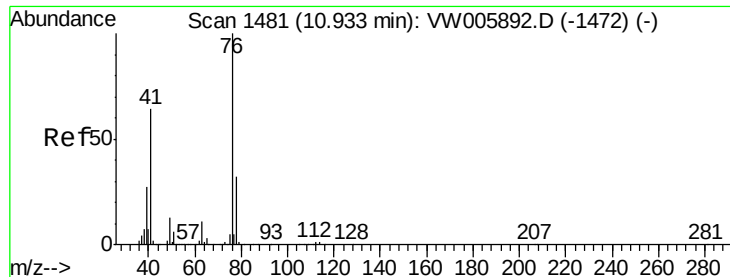
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#56
 Ethyl methacrylate
 Concen: 18.26 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.0	84.0
39	41.3	33.5	50.3





#57

1,3-Dichloropropane

Concen: 18.60 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 76 Resp: 60984

Ion Ratio Lower Upper

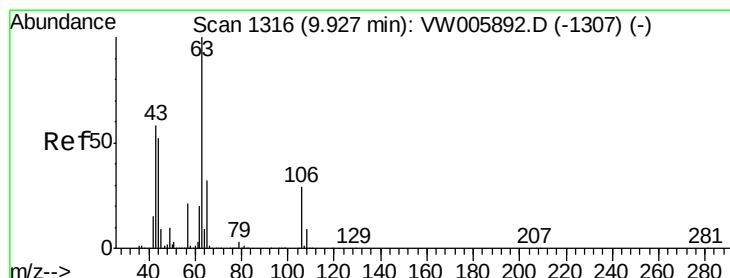
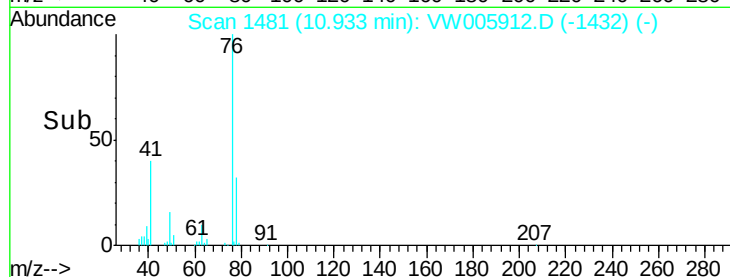
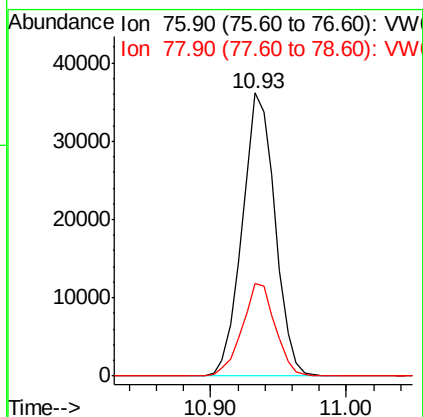
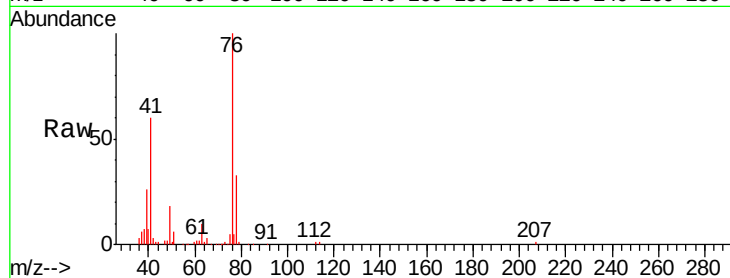
76 100

78 33.0 25.8 38.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 97.76 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW005912.D

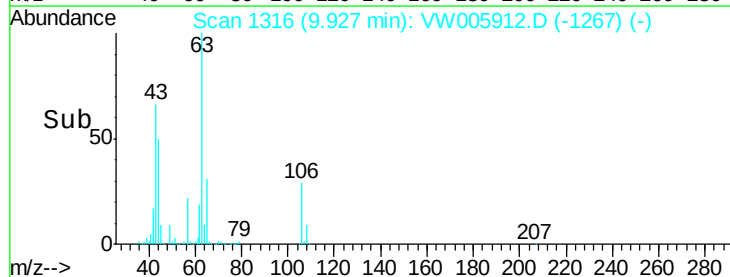
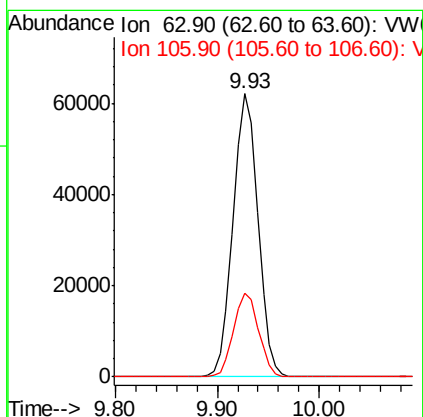
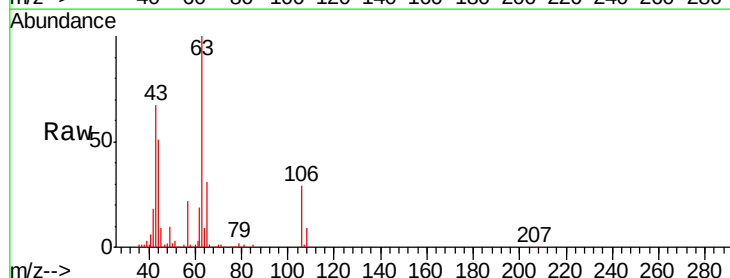
Acq: 09 Oct 2018 00:36

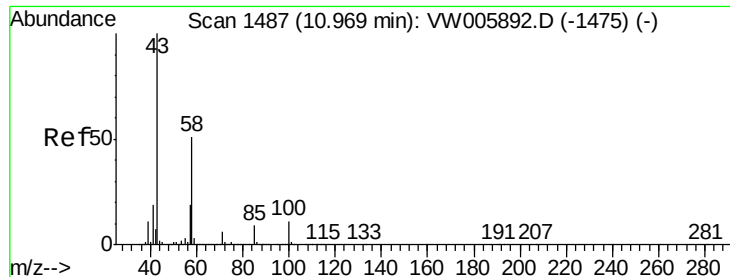
Tgt Ion: 63 Resp: 104501

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4





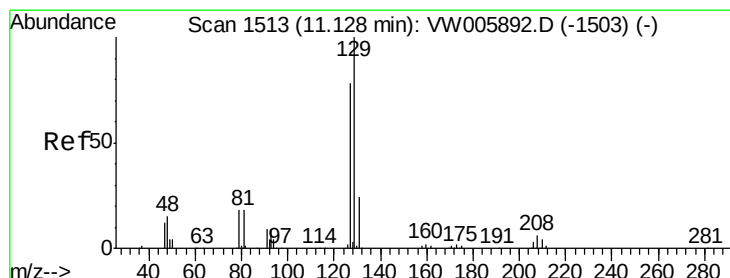
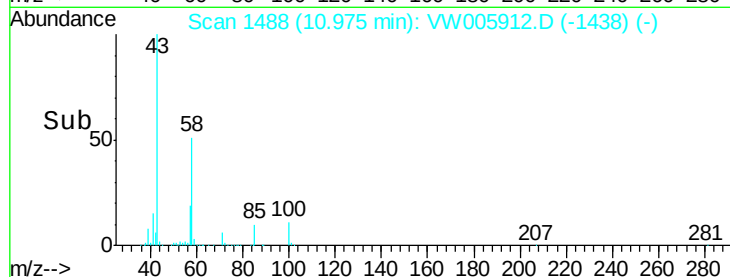
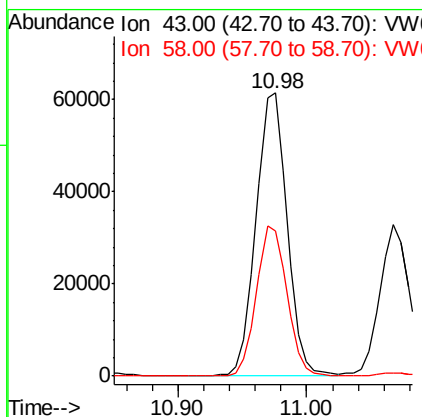
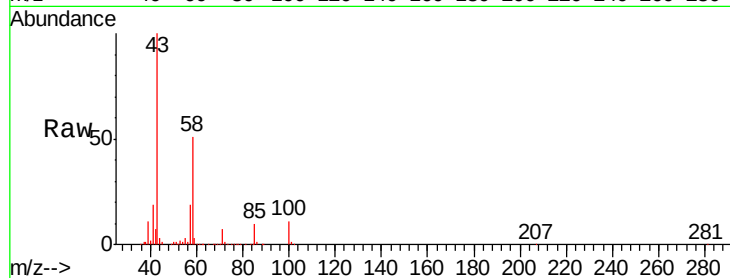
#59
2-Hexanone
Concen: 88.51 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion: 43 Resp: 102176
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.1

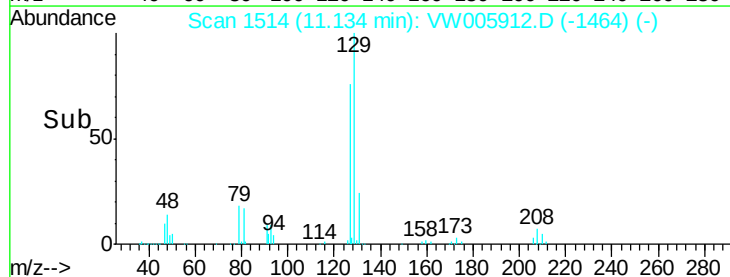
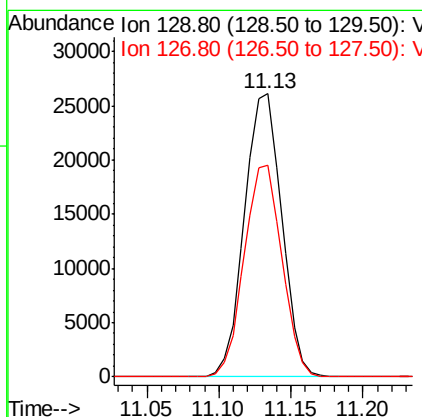
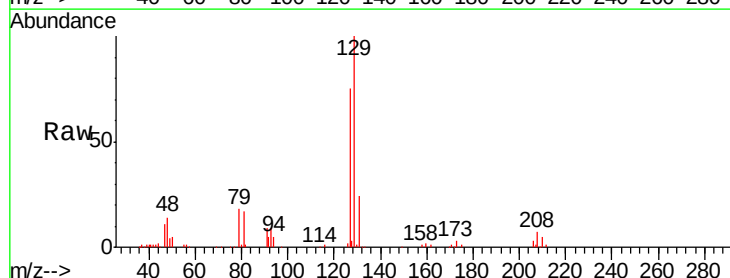
Manual Integrations
APPROVED

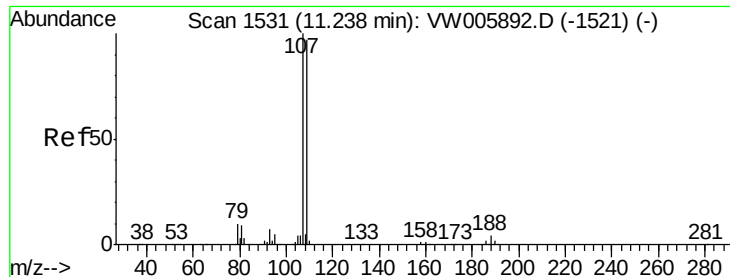
apatel
10/9/2018 4:35:35 PM



#60
Dibromochloromethane
Concen: 18.64 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 129 Resp: 46890
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.82 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 107 Resp: 36664

Ion Ratio Lower Upper

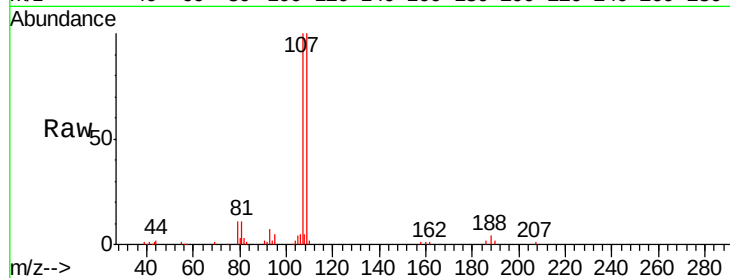
107 100

109 95.7 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

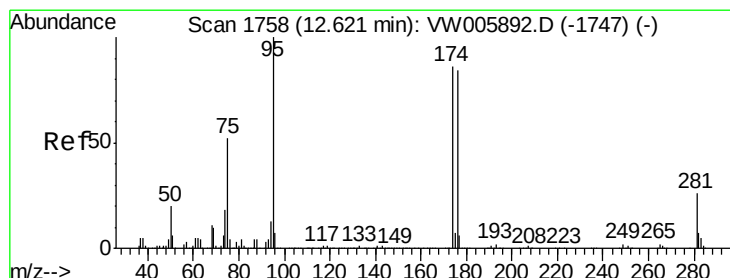
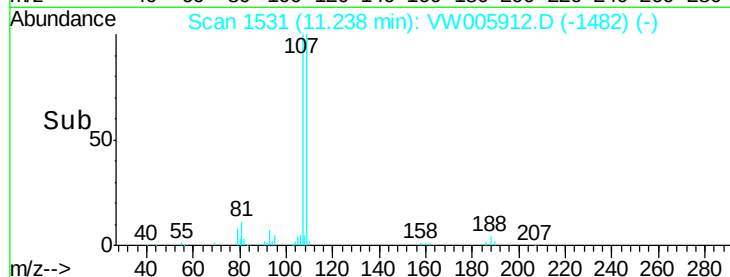
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 47.44 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

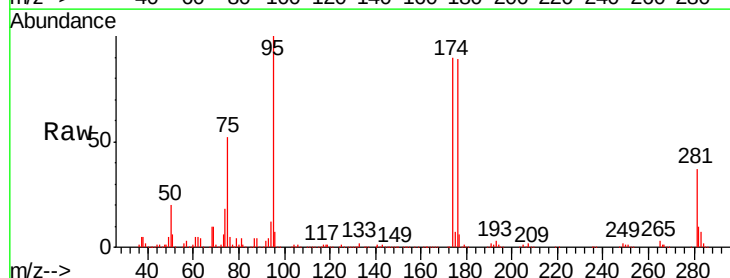
Tgt Ion: 95 Resp: 172923

Ion Ratio Lower Upper

95 100

174 93.5 0.0 176.4

176 90.4 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

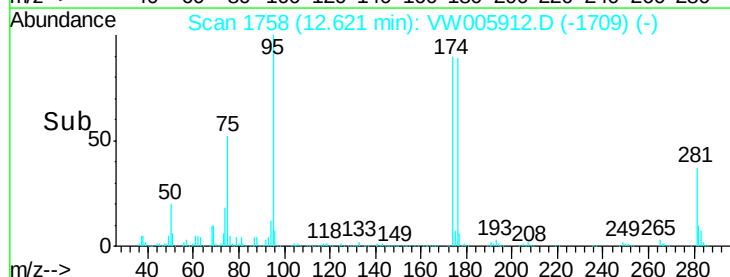
150000

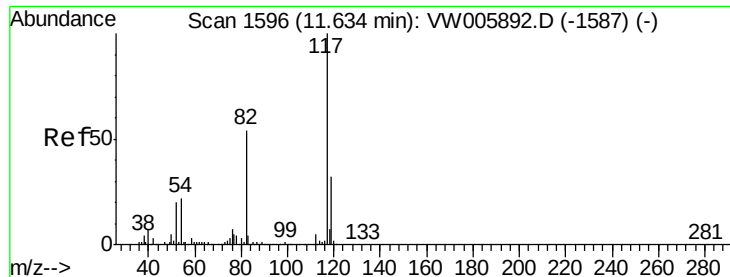
100000

50000

0

Time--> 12.55 12.60 12.65 12.70





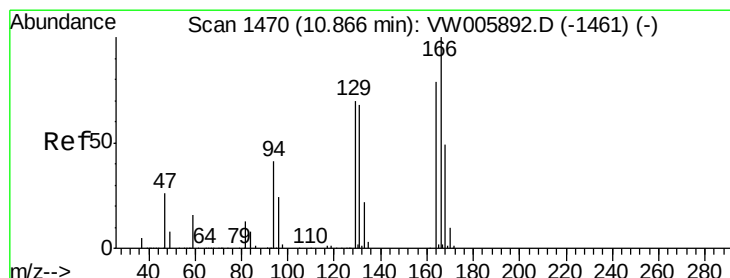
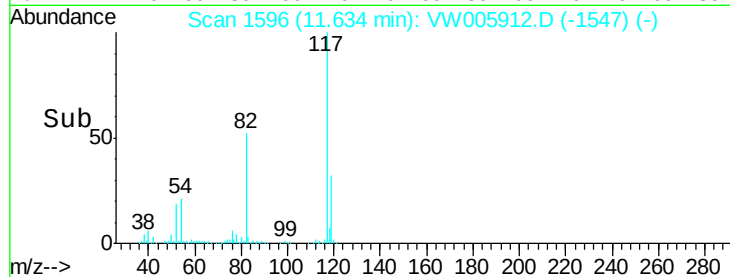
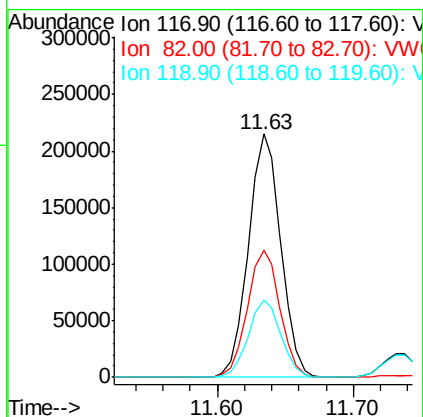
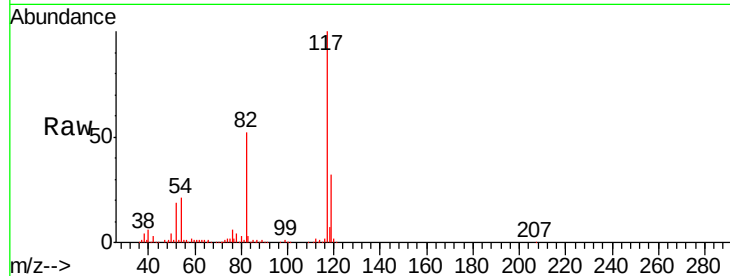
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.3	43.5	65.3
119	31.7	25.4	38.2

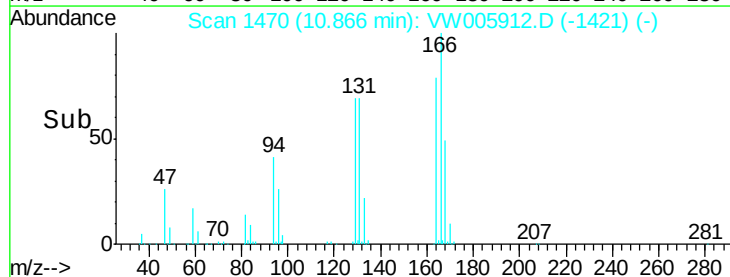
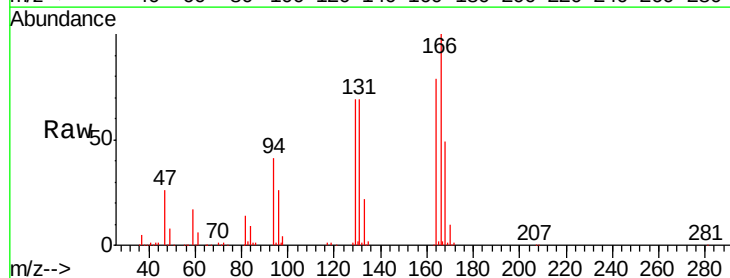
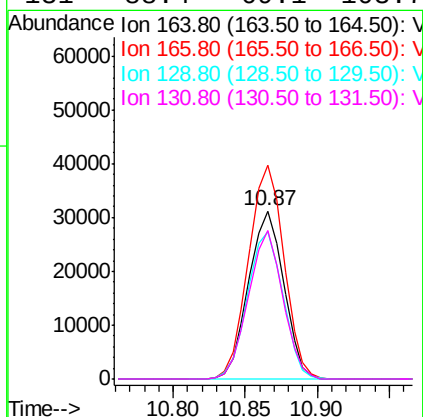
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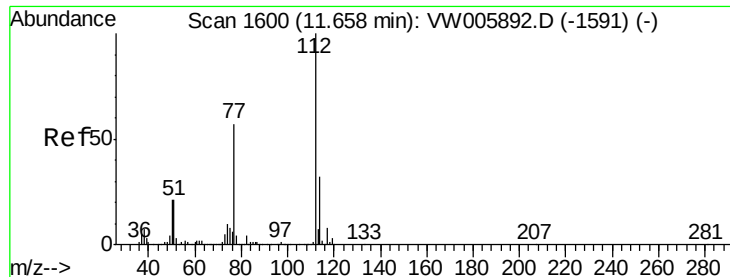
apatel
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#64
Tetrachloroethene
Concen: 19.81 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.4	101.5	152.3
129	87.7	71.1	106.7
131	88.4	69.1	103.7





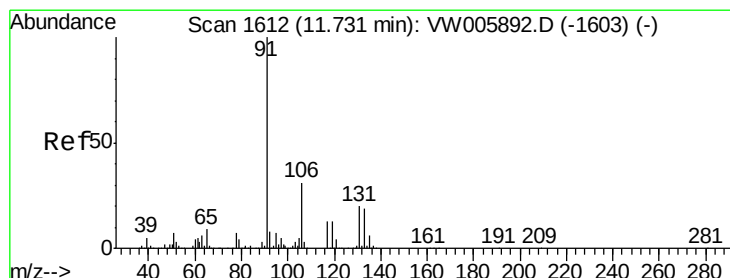
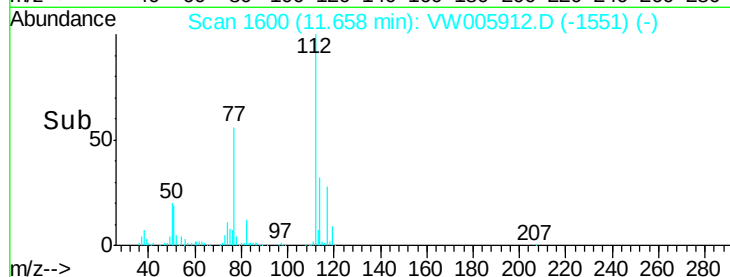
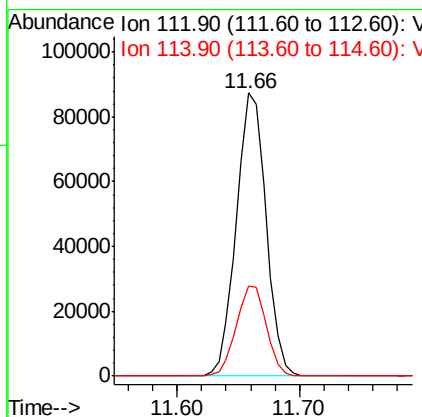
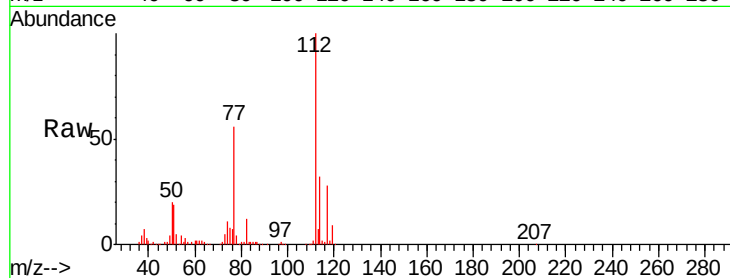
#65
Chlorobenzene
Concen: 19.17 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampled :
VW1008SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	146962		
114	31.8	25.6	38.4	

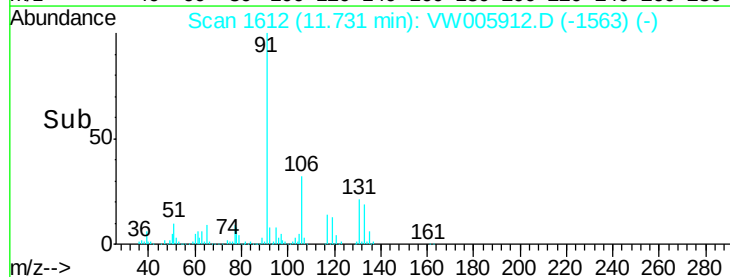
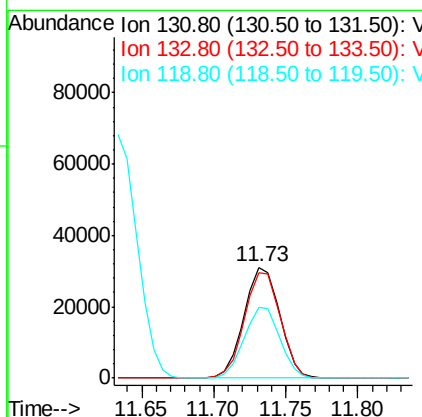
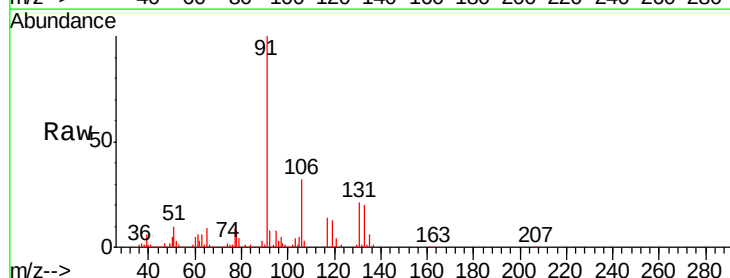
Manual Integrations
APPROVED

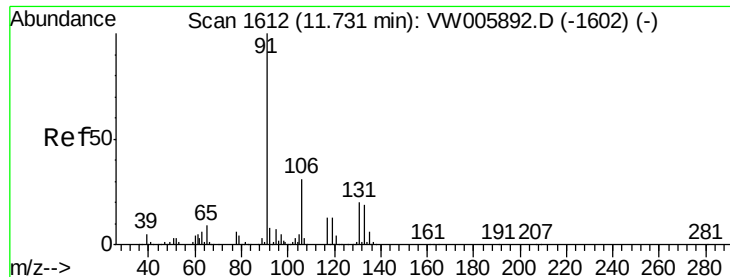
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.05 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	53539		
133	95.7	48.2	144.6	
119	63.8	32.5	97.5	





#67

Ethyl Benzene

Concen: 18.57 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 91 Resp: 251457

Ion Ratio Lower Upper

91 100

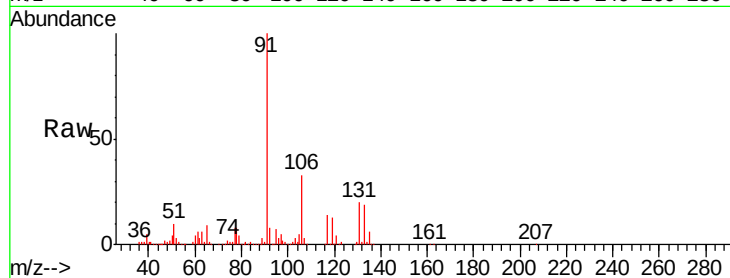
106 33.1 25.0 37.6

Manual Integrations

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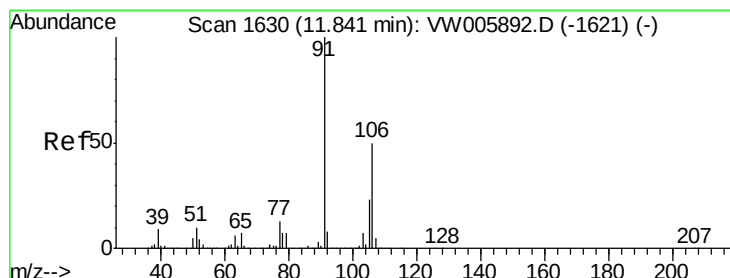
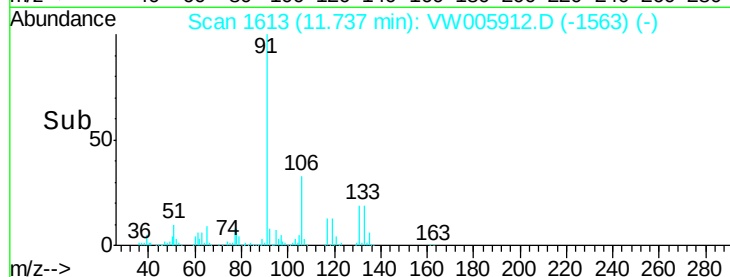
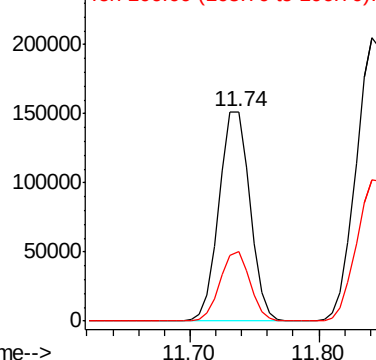
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.14 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW005912.D

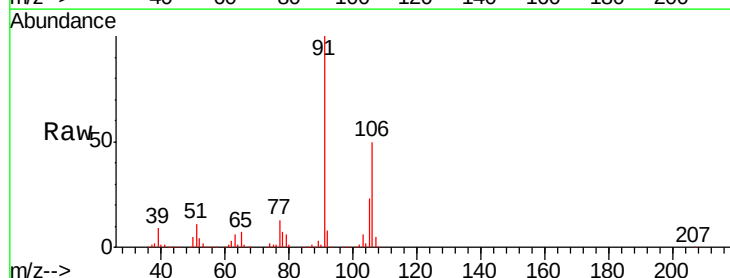
Acq: 09 Oct 2018 00:36

Tgt Ion: 106 Resp: 196570

Ion Ratio Lower Upper

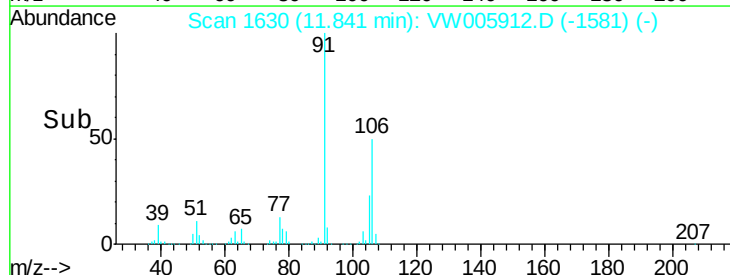
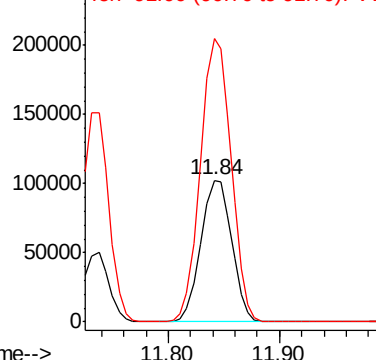
106 100

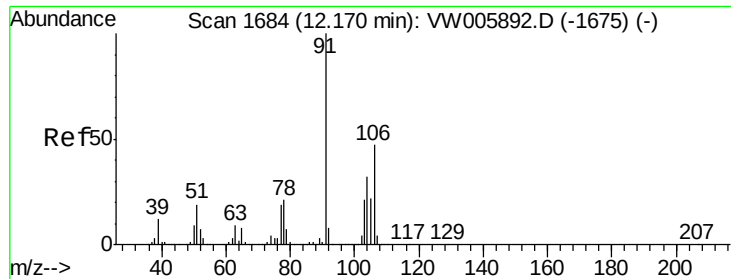
91 199.1 160.2 240.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





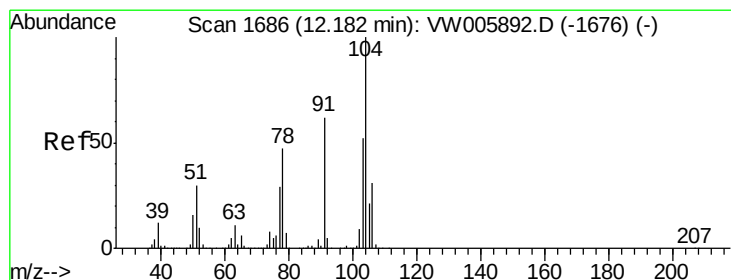
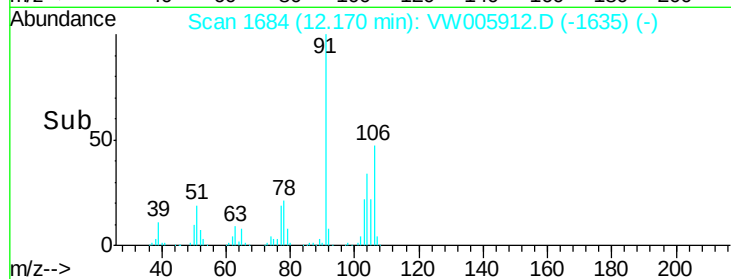
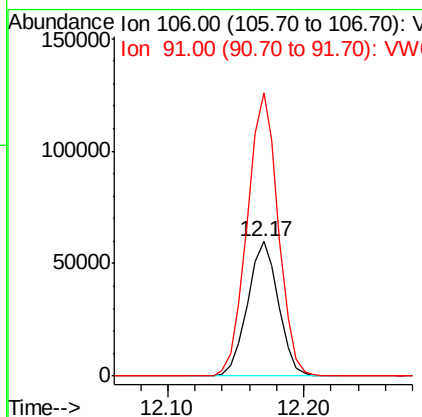
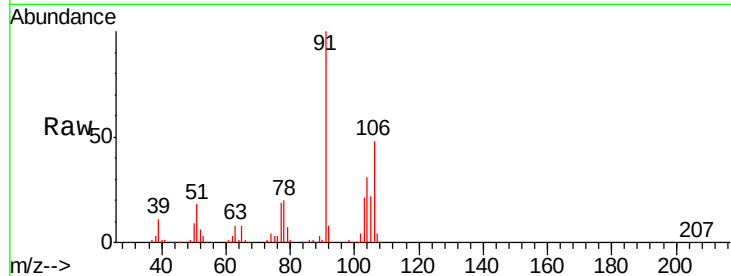
#69
o-Xylene
Concen: 18.83 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampled :
VW1008SBS02

Tgt Ion:106 Resp: 95428
Ion Ratio Lower Upper
106 100
91 210.3 106.2 318.5

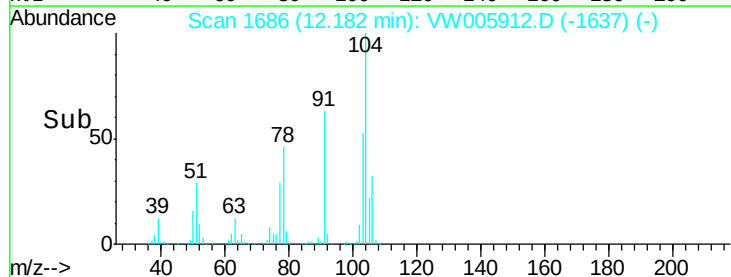
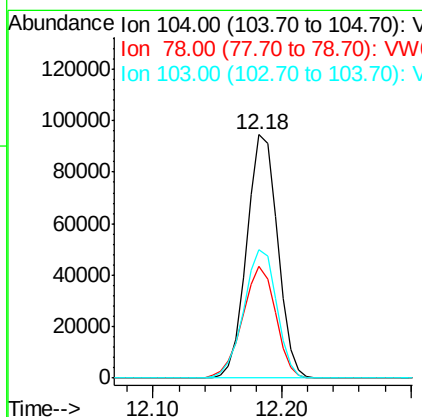
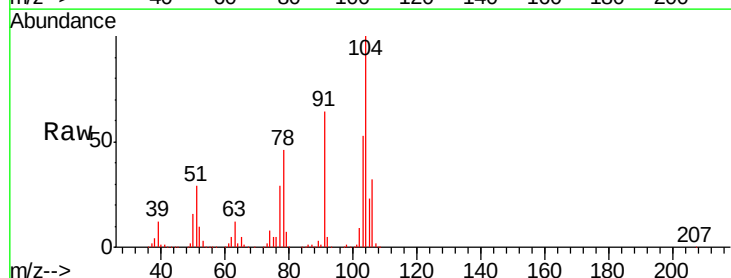
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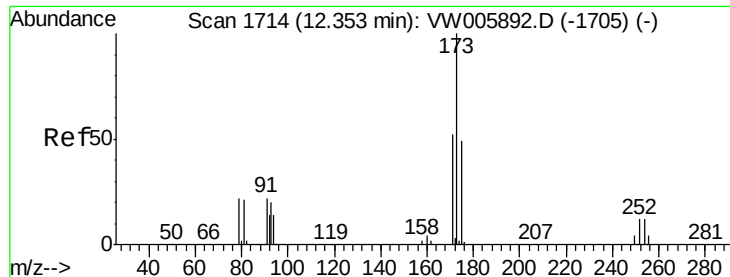
apatel
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#70
Styrene
Concen: 18.55 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion:104 Resp: 155973
Ion Ratio Lower Upper
104 100
78 49.3 40.4 60.6
103 56.3 44.2 66.2





#71

Bromoform

Concen: 18.12 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion:173 Resp: 30335

Ion Ratio Lower Upper

173 100

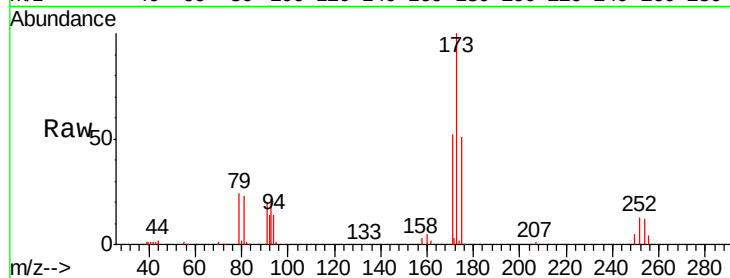
175 49.4 24.7 74.1

254 0.0 0.2 0.2#

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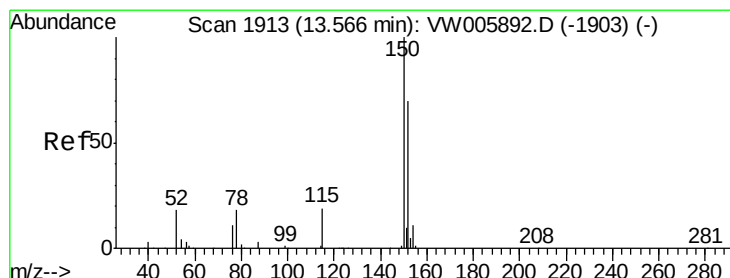
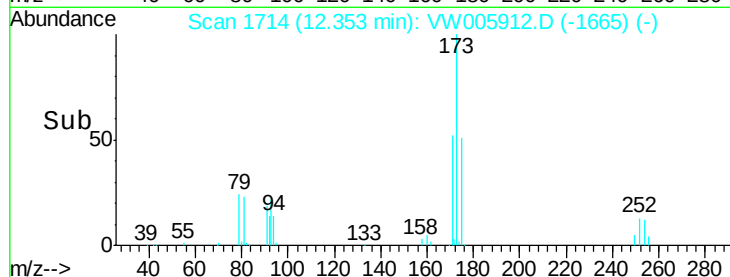
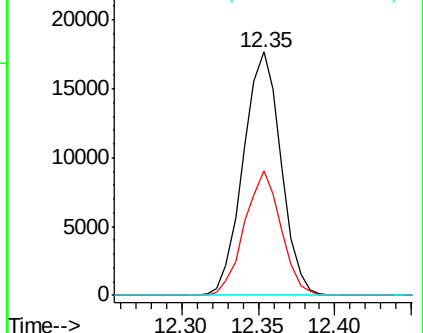
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

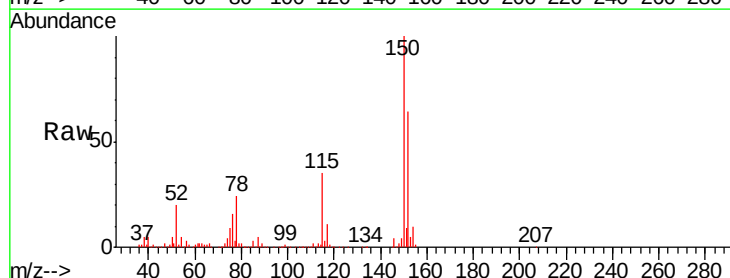
Tgt Ion:152 Resp: 196673

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

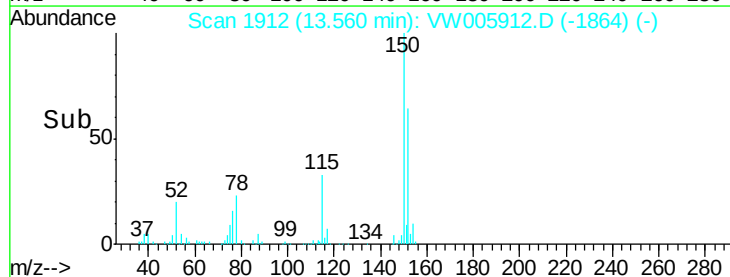
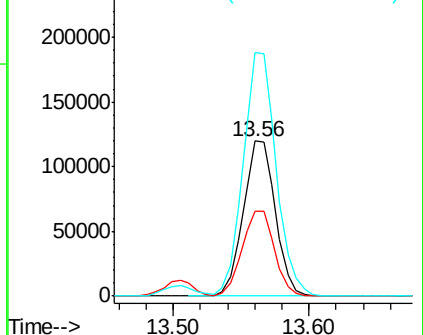
150 162.1 0.0 349.2

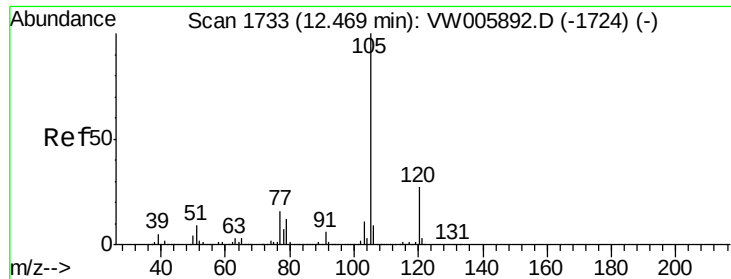


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.36 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 105 Resp: 263674

Ion Ratio Lower Upper

105 100

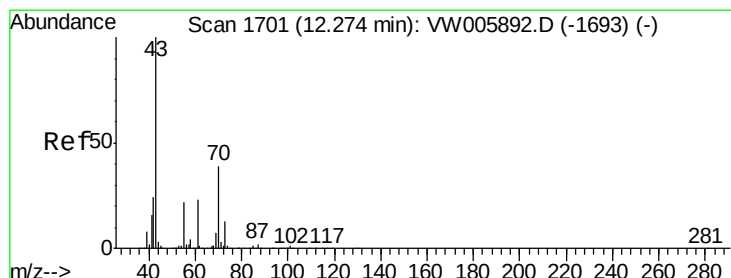
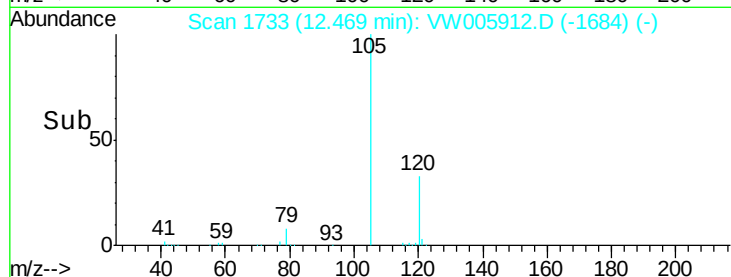
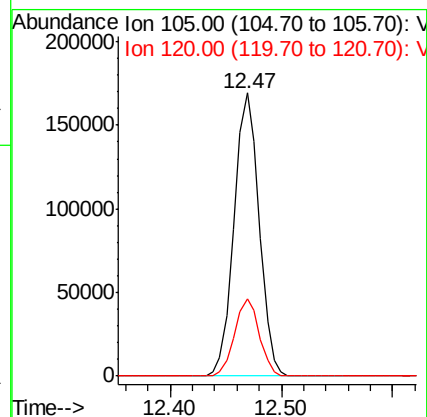
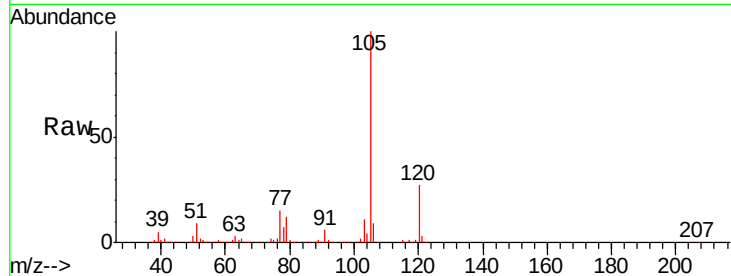
120 26.8 13.6 40.8

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#74

N-ethyl acetate

Concen: 17.54 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion: 43 Resp: 59828

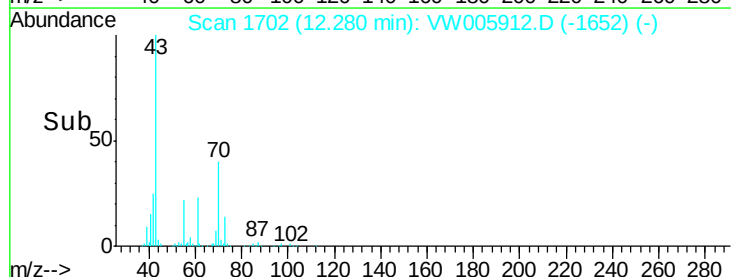
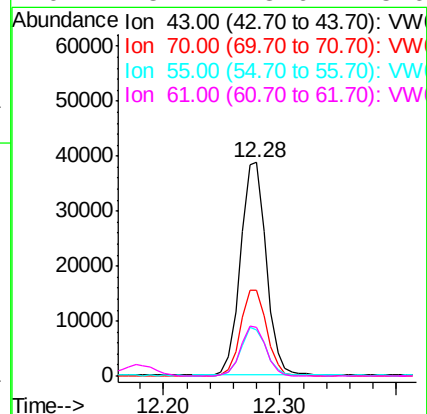
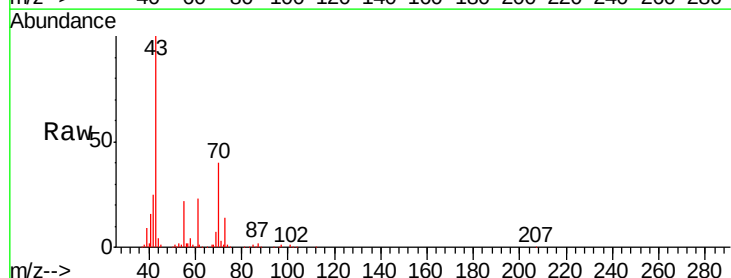
Ion Ratio Lower Upper

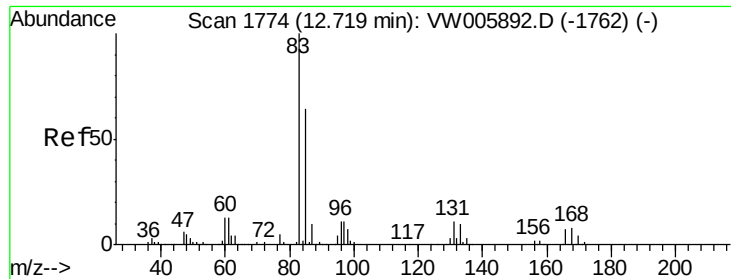
43 100

70 41.3 31.6 47.4

55 22.5 17.9 26.9

61 23.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.72 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

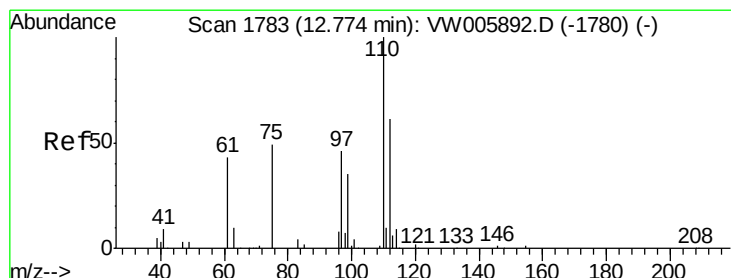
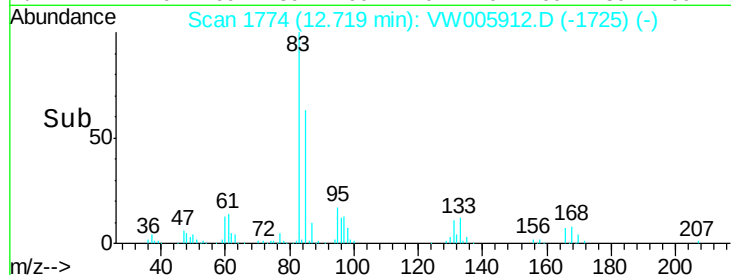
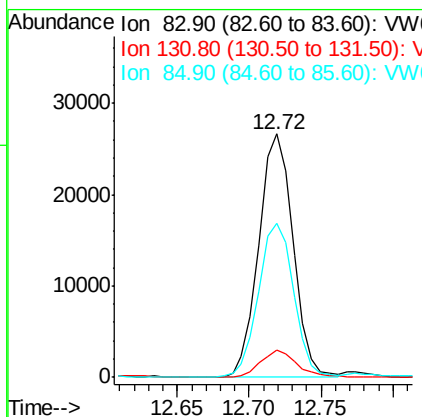
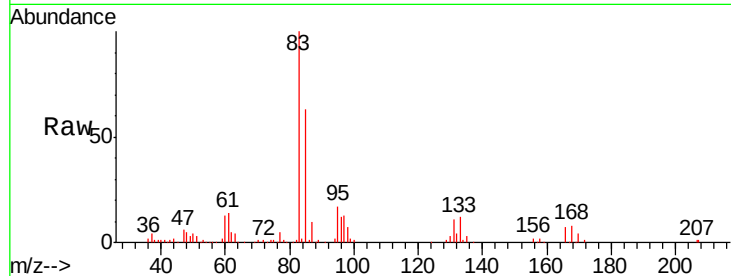
ClientSampleId :

VW1008SBS02

Tgt Ion:	83	Resp:	44069
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.8	17.3
85	65.1	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.90 ug/l m

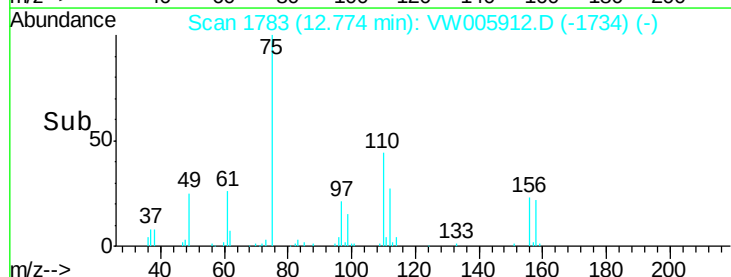
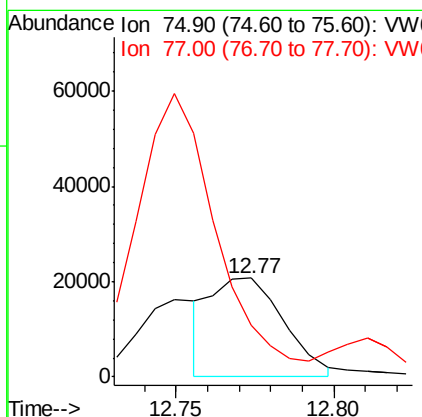
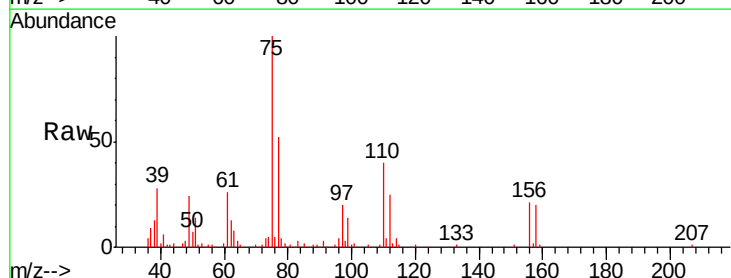
RT: 12.77 min Scan# 1783

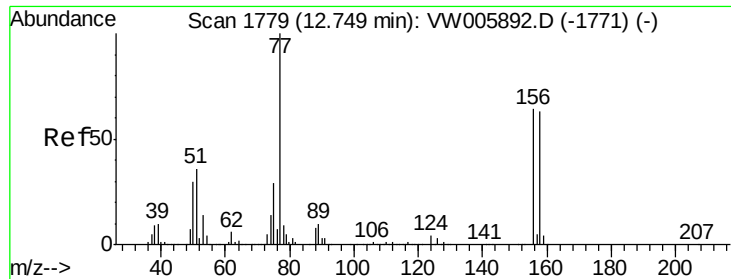
Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion:	75	Resp:	33208
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





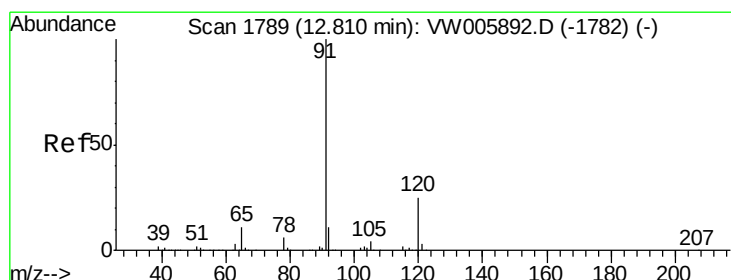
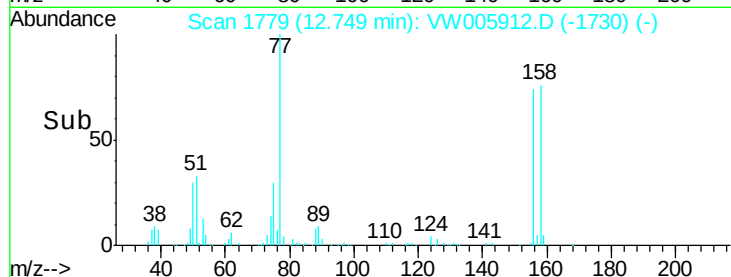
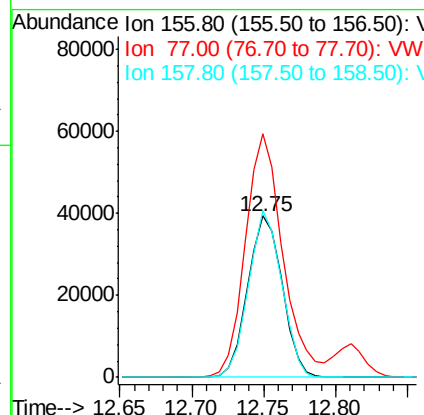
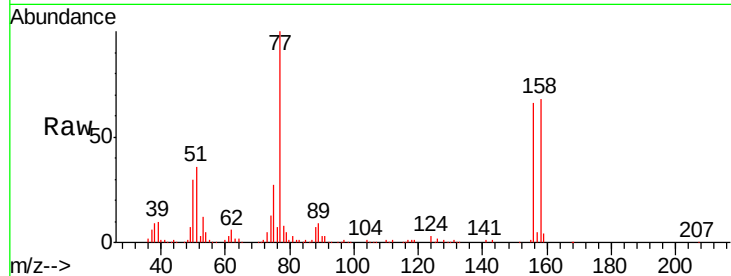
#77
Bromobenzene
Concen: 19.17 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	164.5	85.8	257.4
158	99.4	49.1	147.4

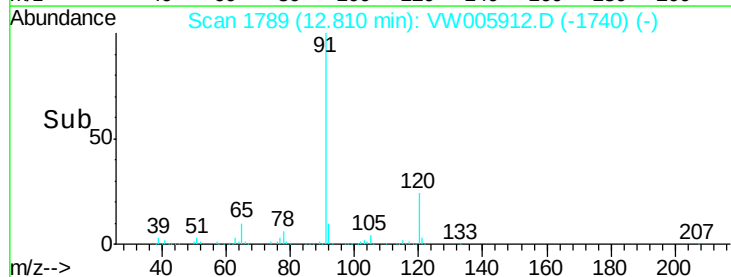
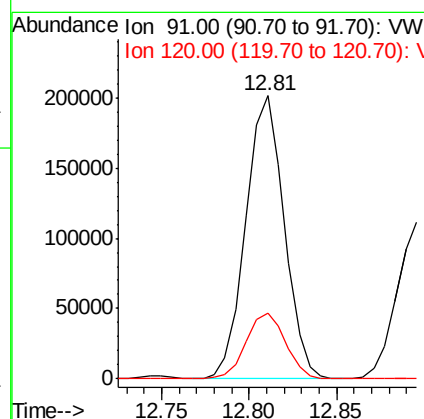
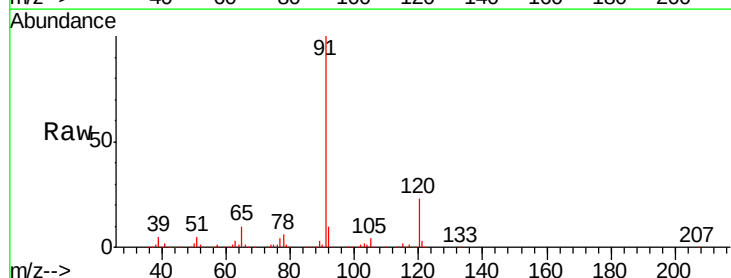
Manual Integrations
APPROVED

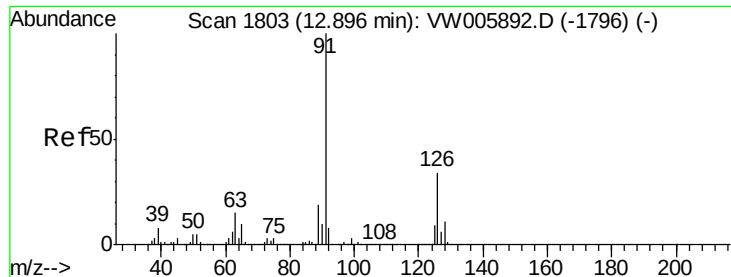
apatel
10/9/2018 4:35:35 PM



#78
n-propylbenzene
Concen: 18.20 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 18.35 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampled :

VW1008SBS02

Tgt Ion: 91 Resp: 174988

Ion Ratio Lower Upper

91 100

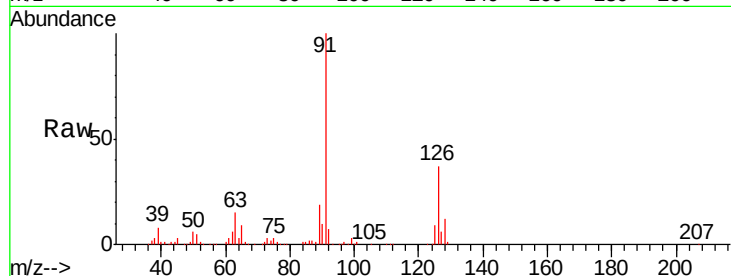
126 36.2 17.5 52.5

Manual Integrations

APPROVED

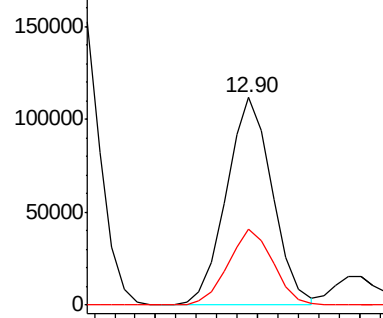
apatel

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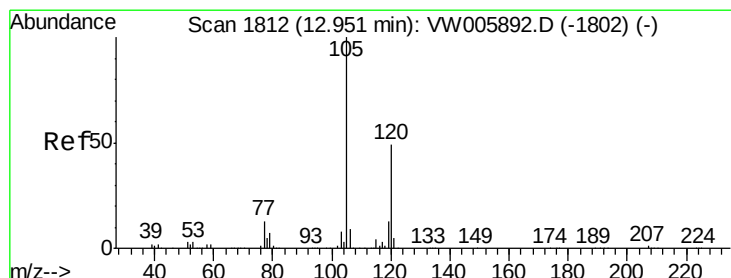
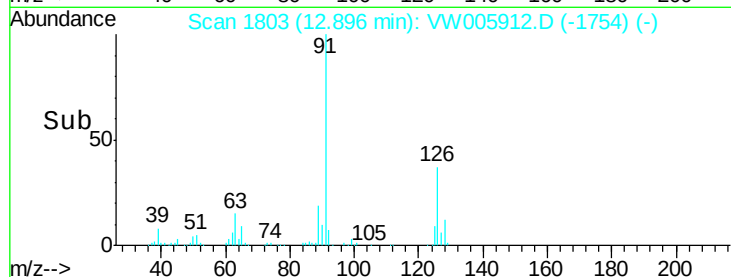


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.20 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005912.D

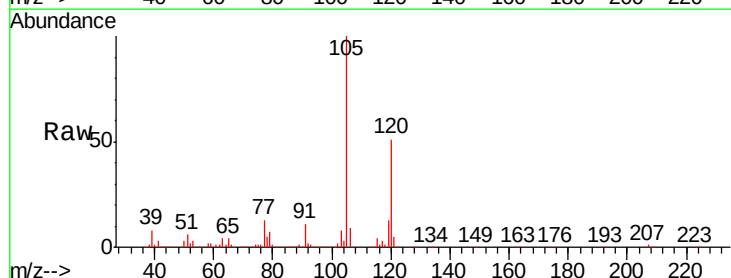
Acq: 09 Oct 2018 00:36

Tgt Ion: 105 Resp: 220741

Ion Ratio Lower Upper

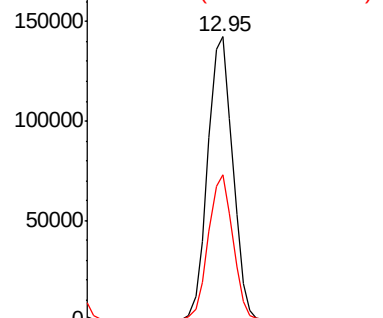
105 100

120 50.4 24.6 73.8

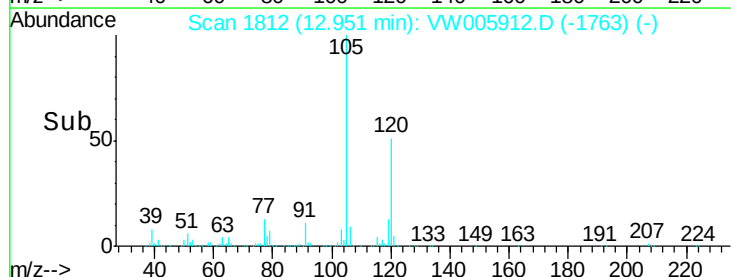


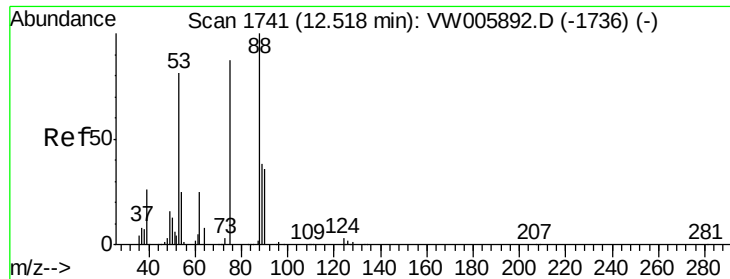
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





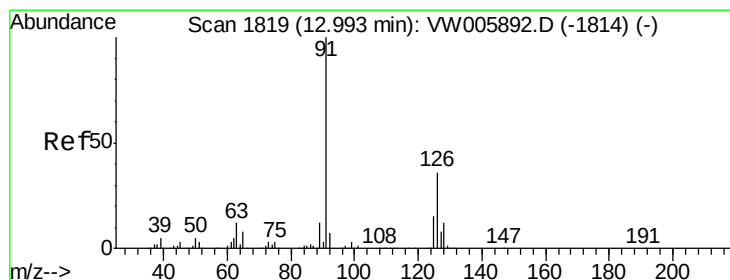
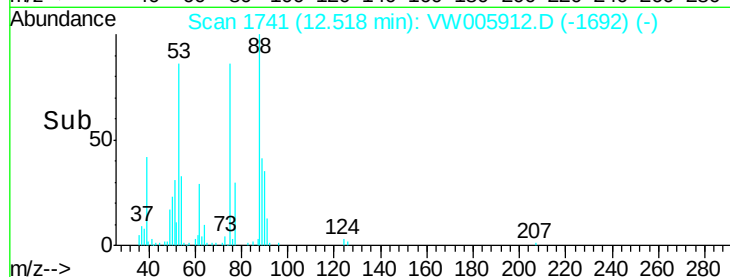
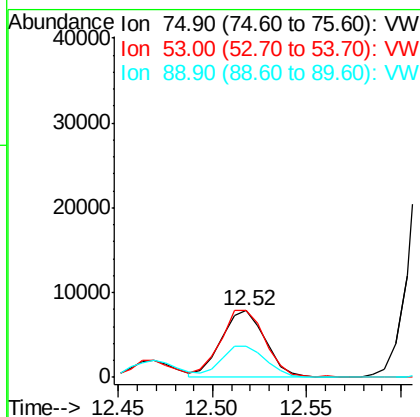
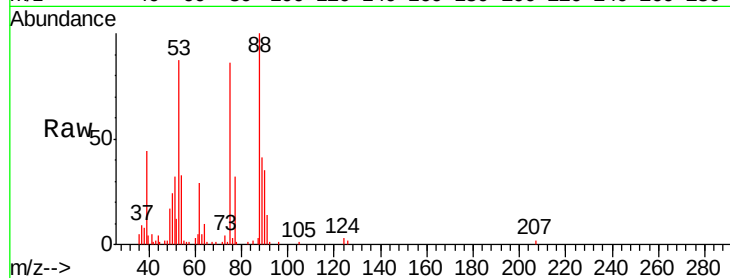
#81
 trans-1,4-Dichloro-2-butene
 Concen: 14.93 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.9	76.5	114.7
89	48.5	37.6	56.4

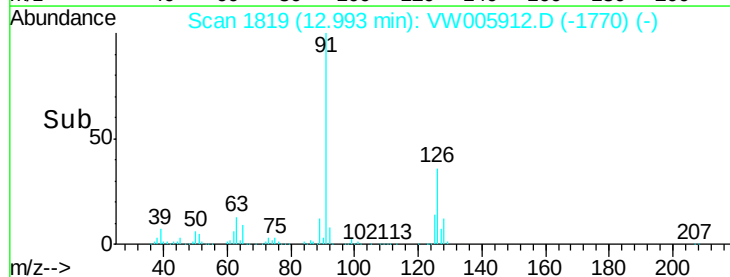
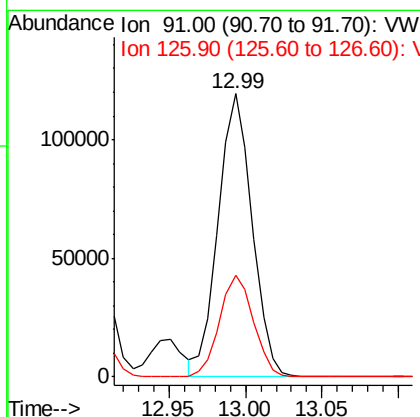
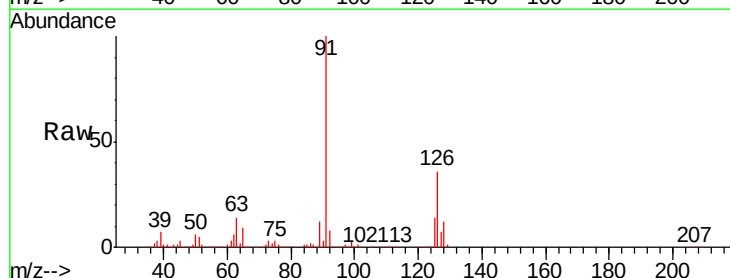
Manual Integrations
 APPROVED

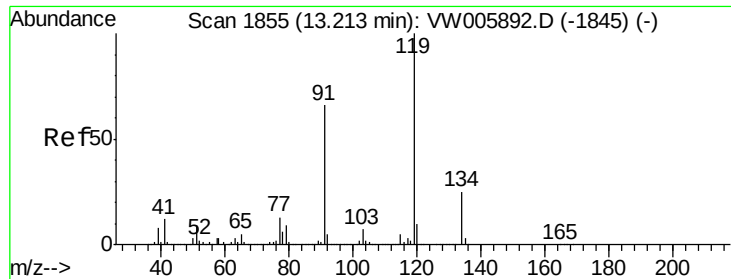
apatel
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#82
 4-Chlorotoluene
 Concen: 18.20 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.4	52.2





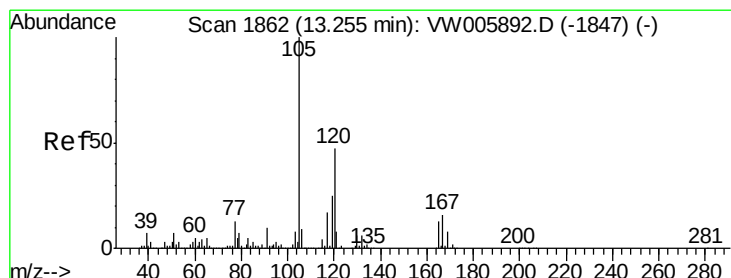
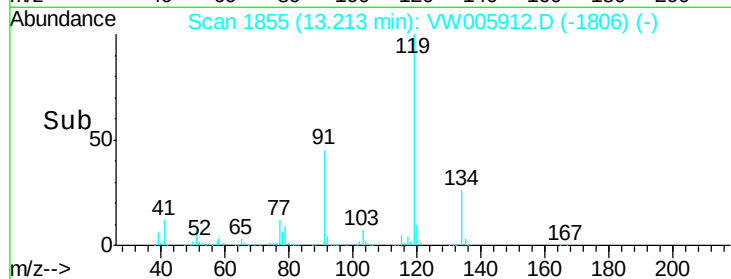
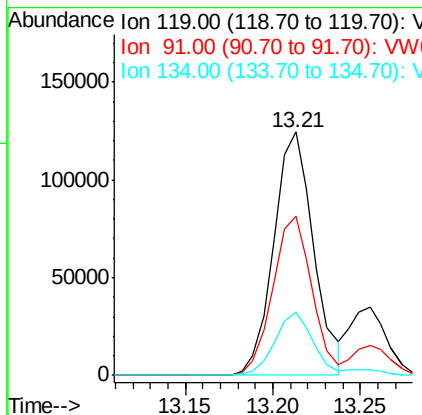
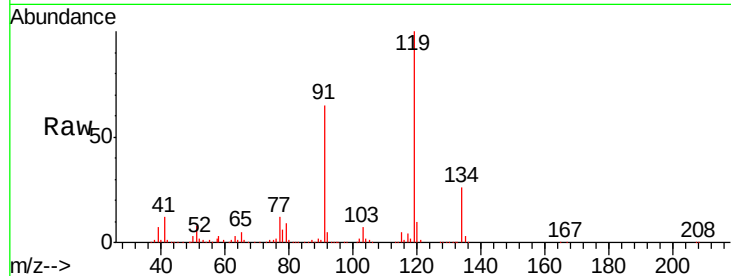
#83
 tert-Butylbenzene
 Concen: 18.35 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	197957		
91	64.4	32.4	97.0	
134	27.0	13.2	39.6	

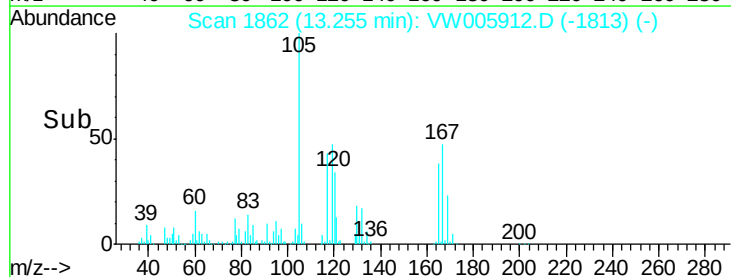
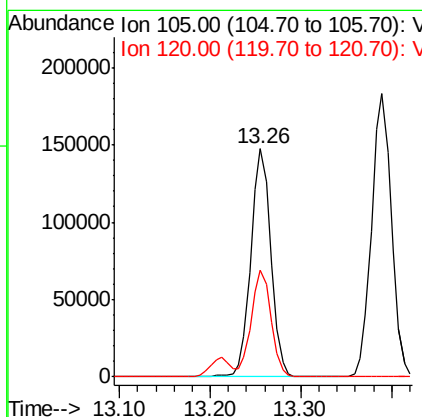
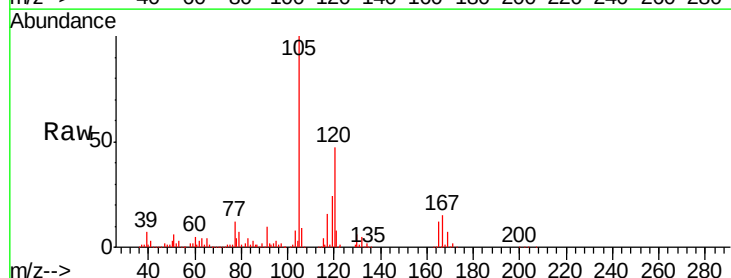
Manual Integrations
 APPROVED

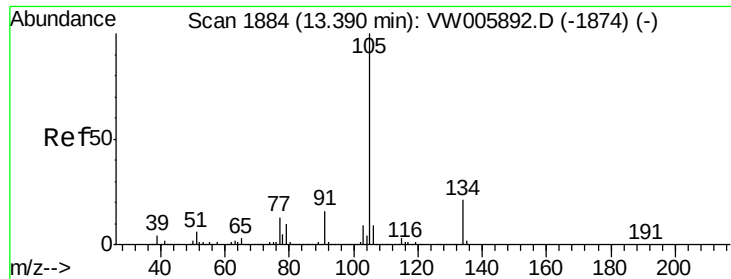
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.43 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225401		
120	46.1	22.8	68.3	





#85

sec-Butylbenzene

Concen: 18.40 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion:105 Resp: 278515

Ion Ratio Lower Upper

105 100

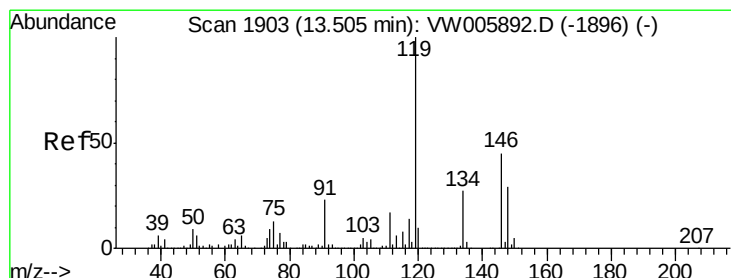
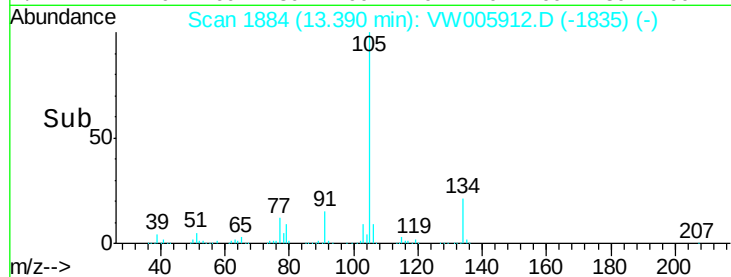
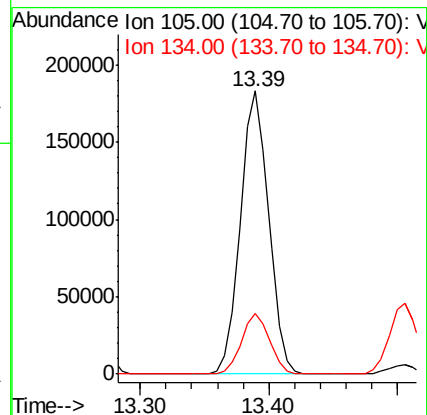
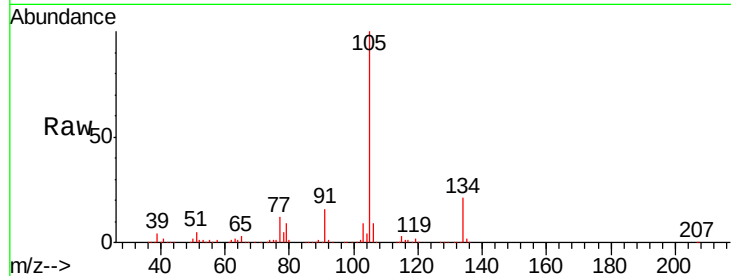
134 21.2 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.52 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

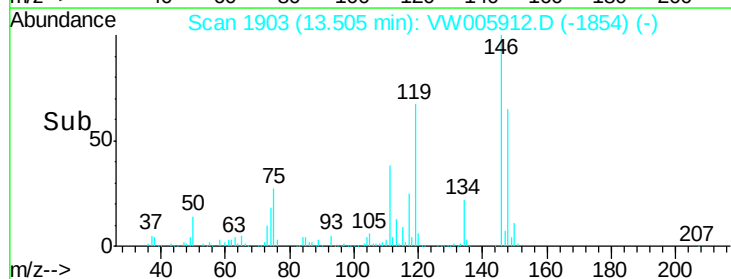
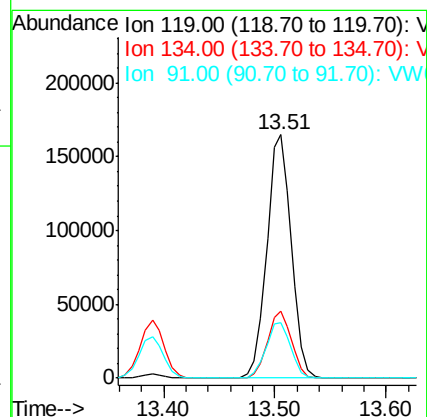
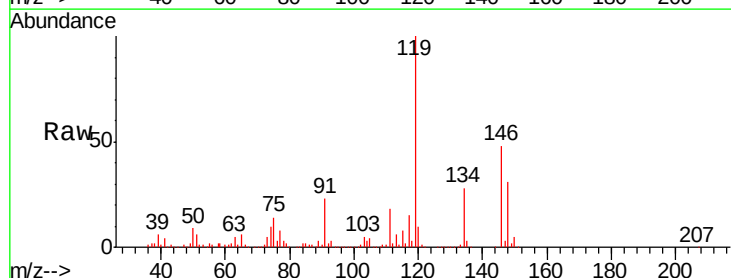
Tgt Ion:119 Resp: 252101

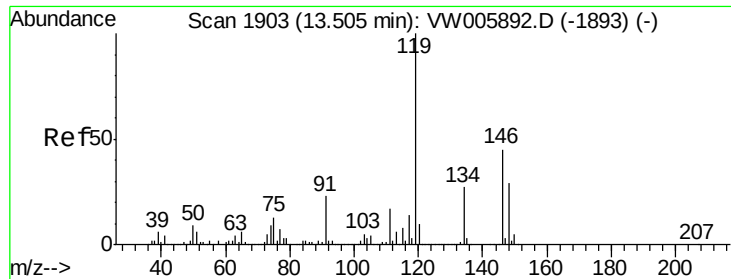
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 23.1 11.9 35.5





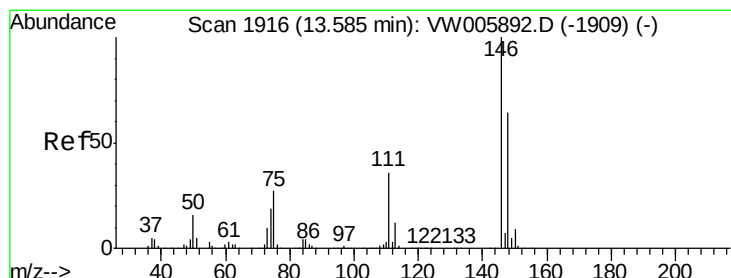
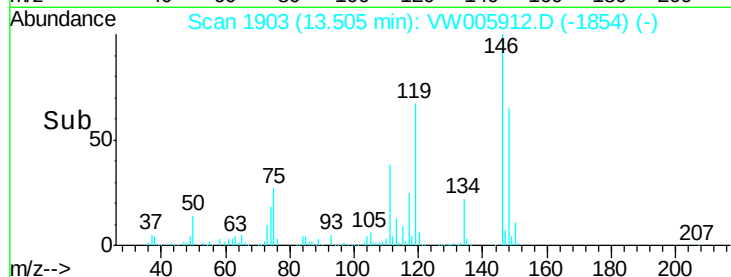
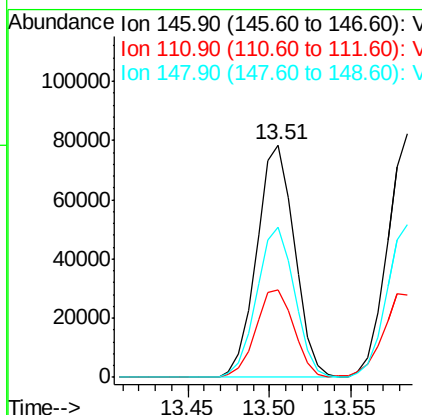
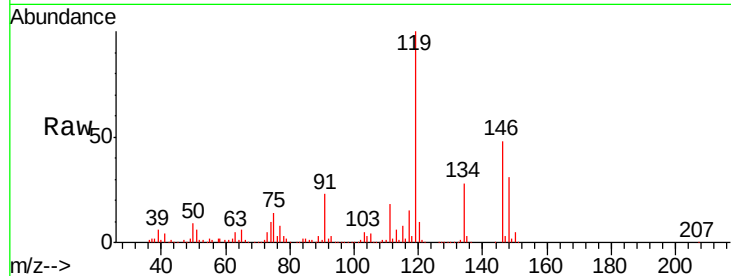
#87
 1,3-Dichlorobenzene
 Concen: 18.77 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	64.7	32.1	96.5

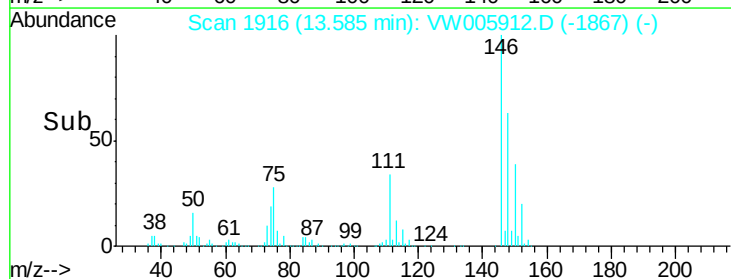
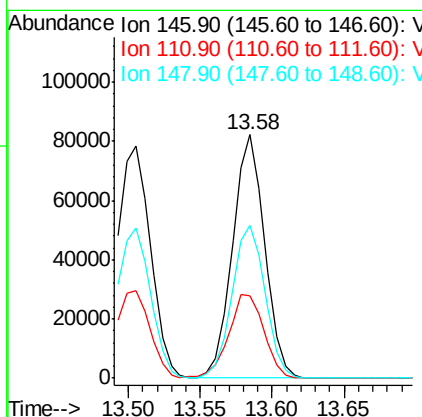
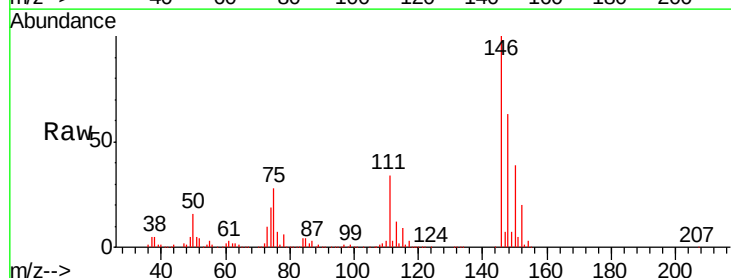
Manual Integrations
 APPROVED

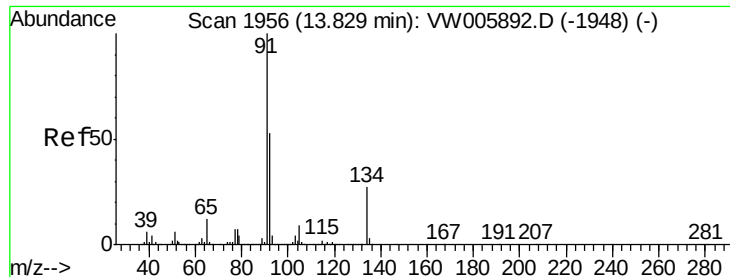
apatel
 10/9/2018 4:35:35 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.05 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.8	32.0	96.2





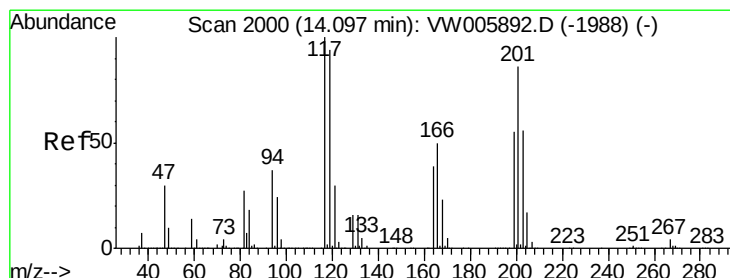
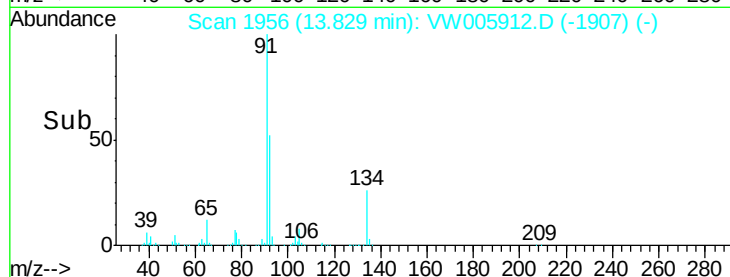
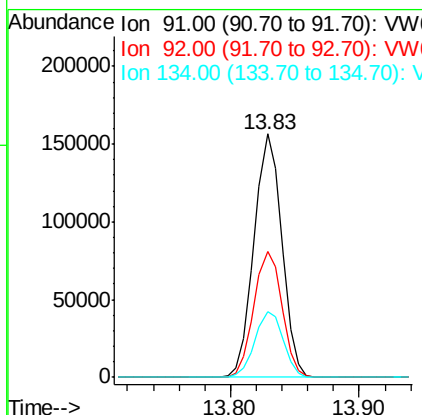
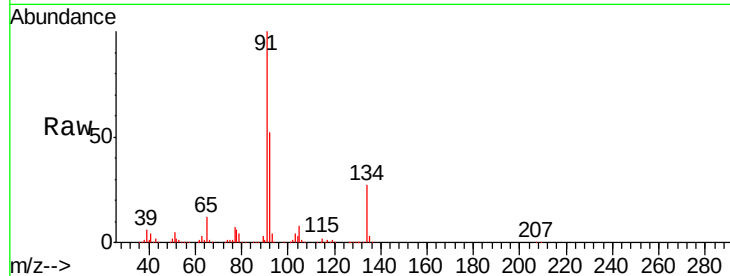
#89
n-Butylbenzene
Concen: 18.11 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.8
134	27.7	13.8	41.4

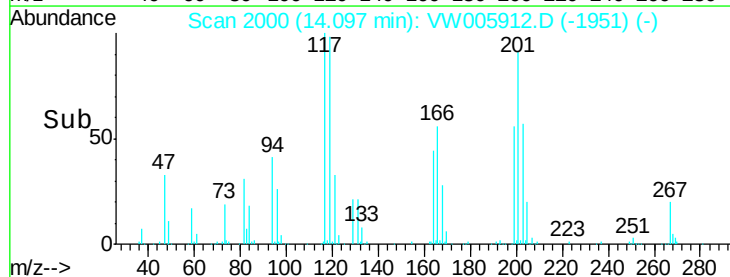
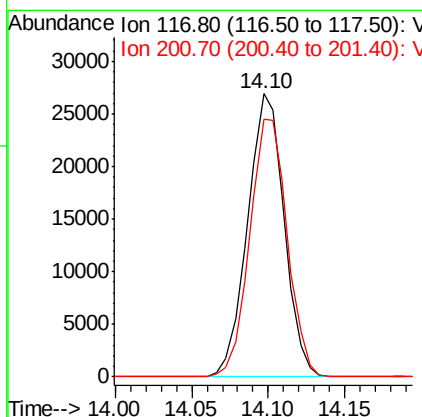
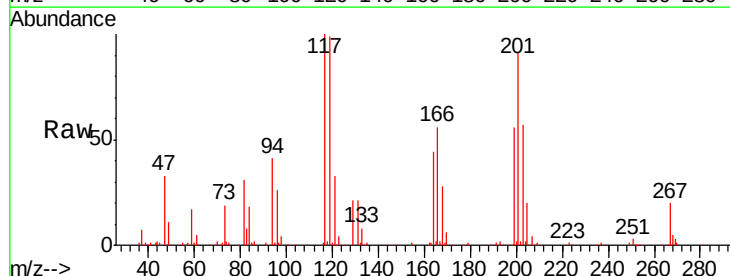
Manual Integrations
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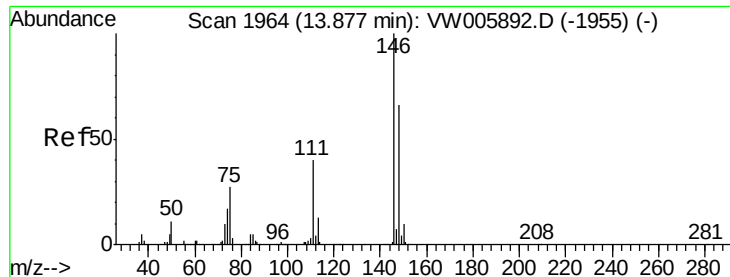
apatel
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#90
Hexachloroethane
Concen: 17.46 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.4	44.5	133.5





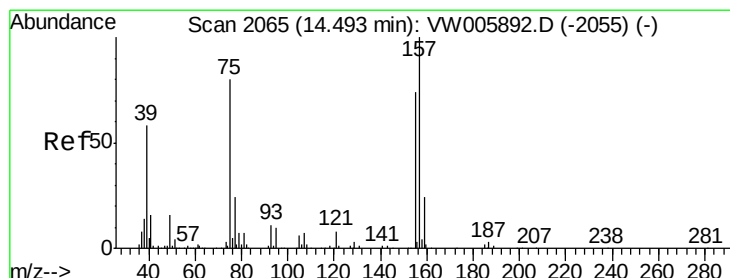
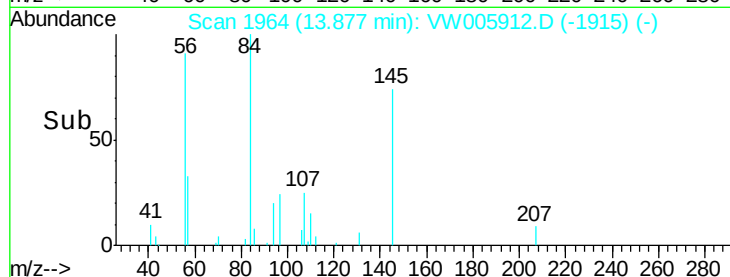
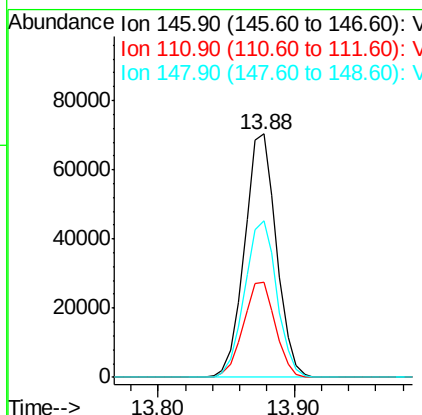
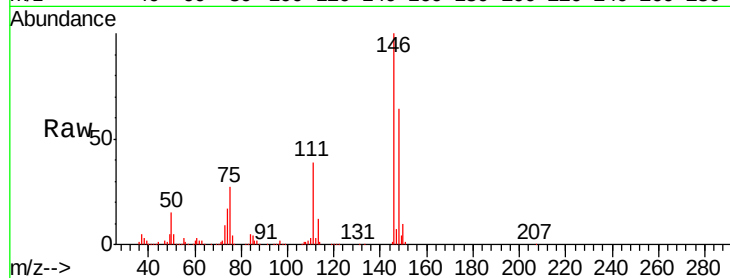
#91
 1,2-Dichlorobenzene
 Concen: 19.14 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114885		
111	39.5	20.3	61.0	
148	65.0	32.5	97.4	

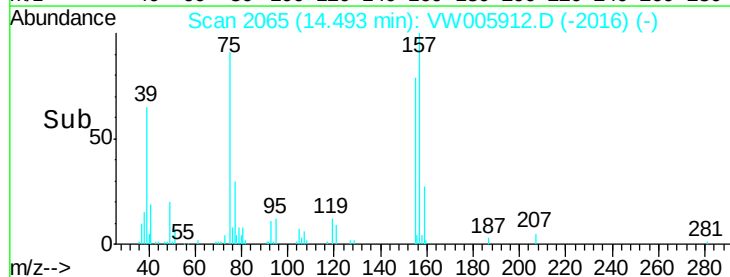
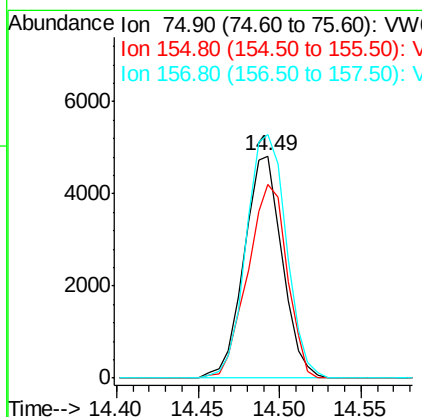
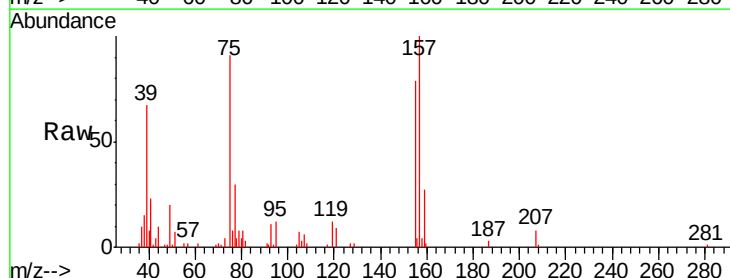
Manual Integrations
 APPROVED

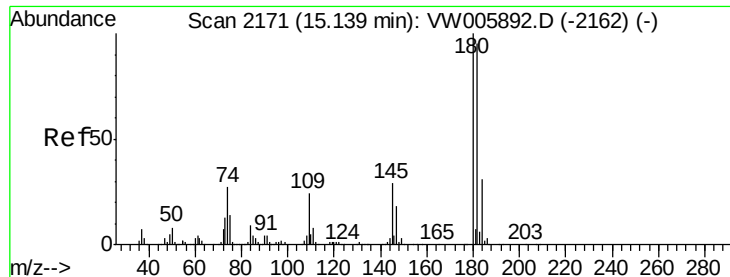
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.89 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7848		
155	90.0	44.8	134.3	
157	115.2	58.9	176.6	





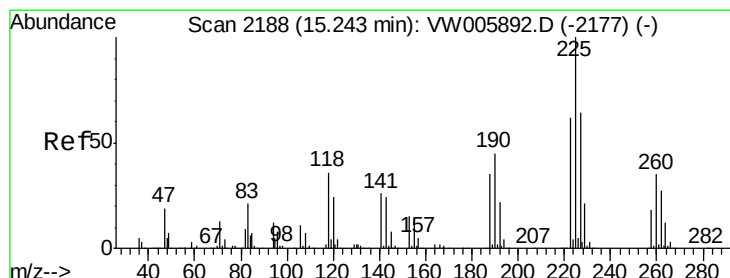
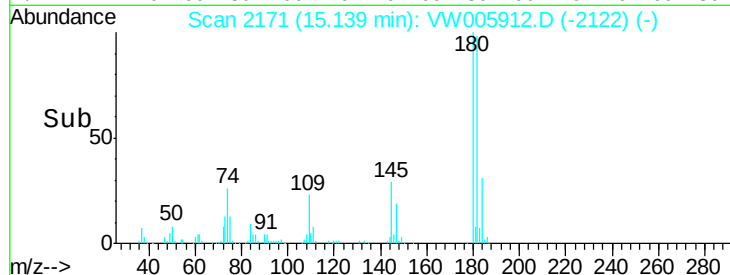
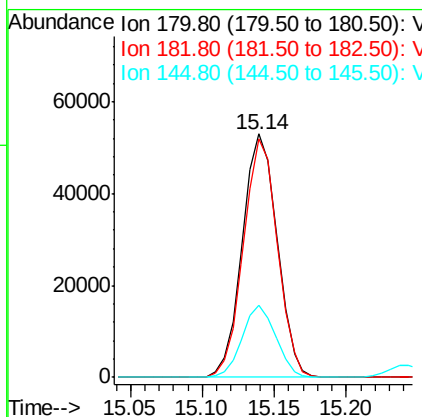
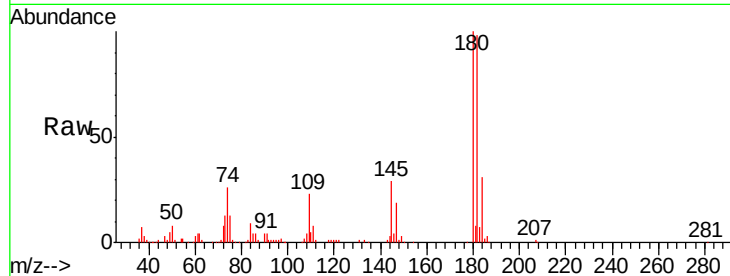
#93
 1,2,4-Trichlorobenzene
 Concen: 19.07 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.8	143.3	
145	28.6	14.5	43.6	

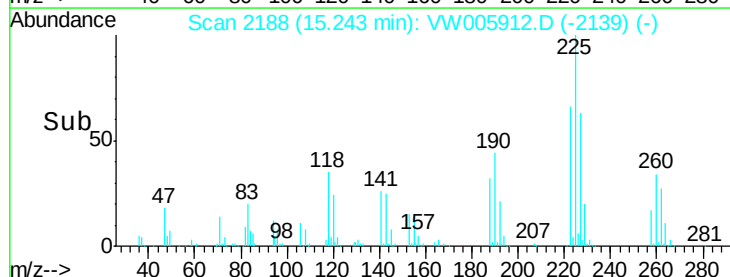
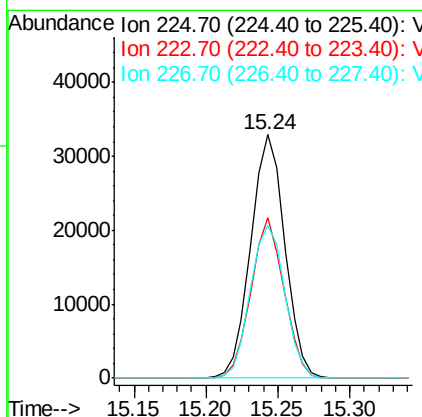
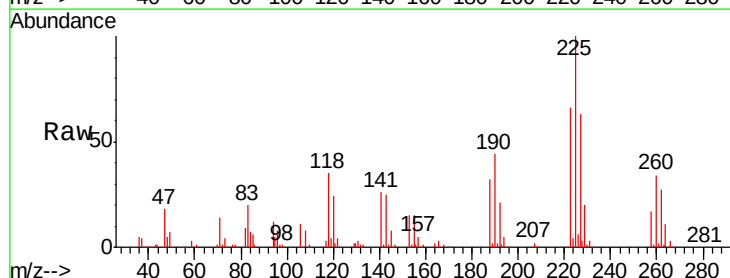
Manual Integrations
 APPROVED

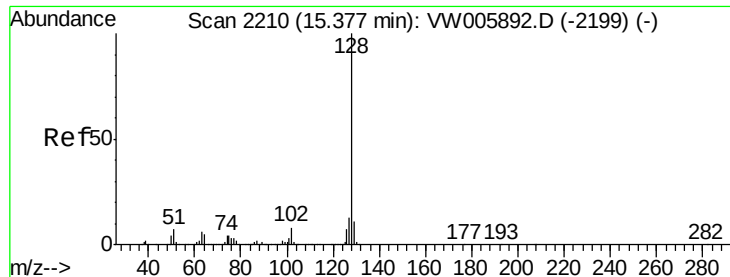
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 10/9/2018 4:35:35 PM



#94
 Hexachlorobutadiene
 Concen: 18.50 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	31.2	93.6	
227	63.6	31.9	95.9	





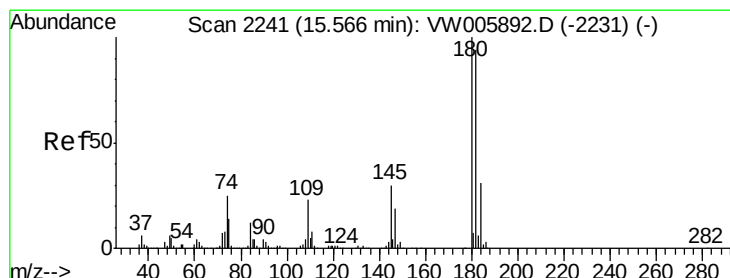
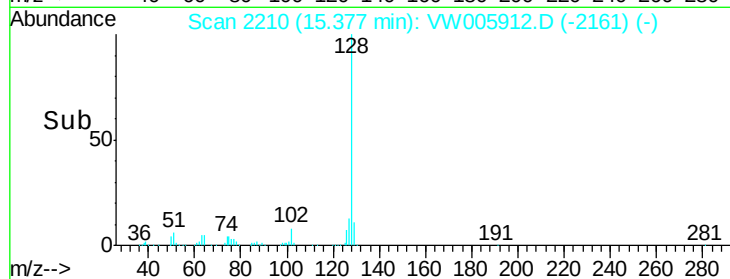
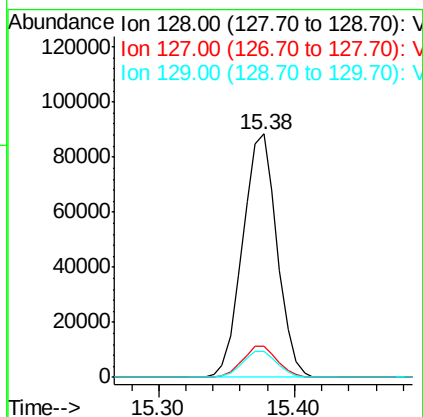
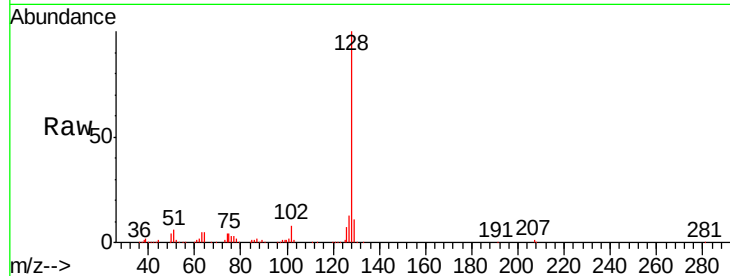
#95
Naphthalene
Concen: 19.52 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	156592		
127	13.0	10.5	15.7	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.34 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	77920		
182	95.2	47.6	142.8	
145	30.4	15.3	45.9	

