

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004128.D
 Acq On : 23 Jul 2018 10:56
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 7/24/2018 11:49:34 AM

Quant Time: Jul 23 15:12:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	423507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153727	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.88	113	141630	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.33	98	565620	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.63	95	201294	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	78966	49.65	ug/l	96
3) Chloromethane	2.21	50	114373	54.64	ug/l	99
4) Vinyl Chloride	2.36	62	148724	51.65	ug/l	98
5) Bromomethane	2.78	94	84085	46.72	ug/l	100
6) Chloroethane	2.92	64	80493	49.20	ug/l	97
7) Trichlorofluoromethane	3.25	101	82753	68.46	ug/l	97
8) Diethyl Ether	3.68	74	67034	47.77	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	151462	54.30	ug/l	99
10) Methyl Iodide	4.26	142	218461	54.53	ug/l	99
11) Tert butyl alcohol	5.17	59	51513	235.72	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	147181	53.47	ug/l	99
13) Acrolein	3.89	56	62724	279.34	ug/l	98
14) Allyl chloride	4.66	41	254959	56.12	ug/l	97
15) Acrylonitrile	5.37	53	177402	246.73	ug/l	99
16) Acetone	4.12	43	211936	278.60	ug/l	98
17) Carbon Disulfide	4.37	76	473661	55.13	ug/l	100
18) Methyl Acetate	4.67	43	90448	49.53	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	270496	51.28	ug/l	99
20) Methylene Chloride	4.91	84	157648	46.37	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	156004	51.71	ug/l	99
22) Diisopropyl ether	6.31	45	494030	53.81	ug/l	98
23) Vinyl Acetate	6.26	43	1466981	252.16	ug/l	100
24) 1,1-Dichloroethane	6.21	63	290841	51.91	ug/l	99
25) 2-Butanone	7.17	43	245800	240.11	ug/l	99
26) 2,2-Dichloropropane	7.17	77	180192	56.03	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	166520	51.06	ug/l	99
28) Bromochloromethane	7.51	49	104424	45.55	ug/l	100
29) Tetrahydrofuran	7.53	42	153004	239.94	ug/l	99
30) Chloroform	7.68	83	285504	51.23	ug/l	100
31) Cyclohexane	7.96	56	273895	52.15	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	234834	53.96	ug/l	99
36) 1,1-Dichloropropene	8.08	75	236146	54.20	ug/l	99
37) Ethyl Acetate	7.26	43	101010	48.06	ug/l	99
38) Carbon Tetrachloride	8.07	117	227181	55.80	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	289358	56.70	ug/l	96
40) Benzene	8.32	78	654231	54.12	ug/l	98
41) Methacrylonitrile	7.49	41	55856	47.96	ug/l	98
42) 1,2-Dichloroethane	8.40	62	189221	51.31	ug/l	100
43) Isopropyl Acetate	8.43	43	190679	48.51	ug/l	99
44) Trichloroethene	9.09	130	167256	53.38	ug/l	95
45) 1,2-Dichloropropane	9.37	63	166365	53.92	ug/l	99
46) Dibromomethane	9.46	93	82269	51.39	ug/l	100
47) Bromodichloromethane	9.65	83	207801	52.65	ug/l	98
48) Methyl methacrylate	9.44	41	95509	50.24	ug/l	96
49) 1,4-Dioxane	9.45	88	26105	1060.74	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	522573	249.53	ug/l	100
52) Toluene	10.39	92	406077	54.32	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	216574	52.47	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	249097	52.76	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	116883	51.91	ug/l	97
56) Ethyl methacrylate	10.65	69	149572	46.65	ug/l	97
57) 1,3-Dichloropropane	10.94	76	203088	51.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	339542	254.18	ug/l	99
59) 2-Hexanone	10.98	43	385393	261.10	ug/l	99
60) Dibromochloromethane	11.13	129	137764	52.54	ug/l	99
61) 1,2-Dibromoethane	11.24	107	110378	51.52	ug/l	99
64) Tetrachloroethene	10.87	164	141607	53.81	ug/l	98
65) Chlorobenzene	11.66	112	434346	53.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	152107	53.67	ug/l	99
67) Ethyl Benzene	11.74	91	786088	54.87	ug/l	100
68) m/p-Xylenes	11.85	106	596795	108.99	ug/l	100
69) o-Xylene	12.17	106	272151	53.58	ug/l	99
70) Styrene	12.19	104	455525	53.69	ug/l	100
71) Bromoform	12.35	173	83214	52.01	ug/l #	100
73) Isopropylbenzene	12.47	105	784768	54.99	ug/l	100
74) N-amyl acetate	12.28	43	182150	48.98	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	138267	50.10	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	98090m	48.92	ug/l	
77) Bromobenzene	12.76	156	177139	51.87	ug/l	99
78) n-propylbenzene	12.81	91	984975	56.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	538906	54.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	674609	56.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	46110	50.87	ug/l	99
82) 4-Chlorotoluene	12.99	91	570663	53.85	ug/l	99
83) tert-Butylbenzene	13.21	119	563998	55.93	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	683896	55.35	ug/l	100
85) sec-Butylbenzene	13.39	105	838491	56.04	ug/l	99
86) p-Isopropyltoluene	13.51	119	733623	55.90	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	359557	52.71	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	361885	52.90	ug/l	98
89) n-Butylbenzene	13.83	91	719435	55.77	ug/l	99
90) Hexachloroethane	14.10	117	130153	53.80	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	318425	52.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24051	49.00	ug/l	97

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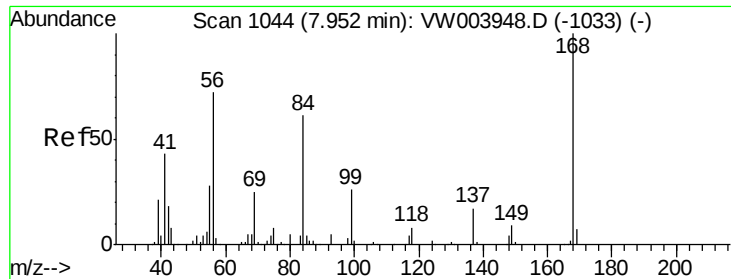
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	224460	52.59	ug/l	98
94) Hexachlorobutadiene	15.25	225	137181	55.97	ug/l	98
95) Naphthalene	15.38	128	407541	51.73	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	197010	52.14	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 283210

Ion Ratio Lower Upper

168 100

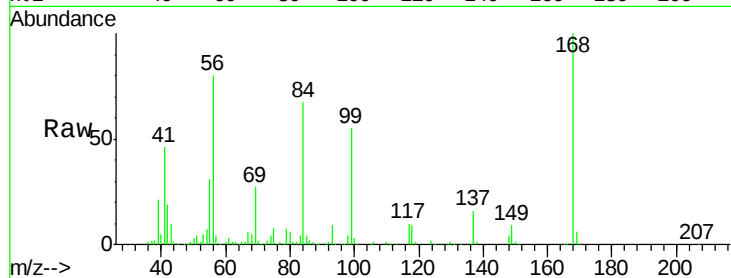
99 54.6 43.8 65.6

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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

150000

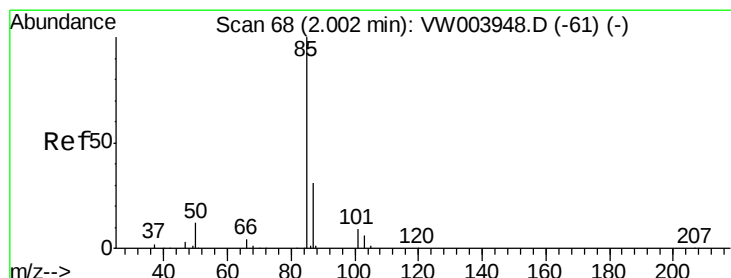
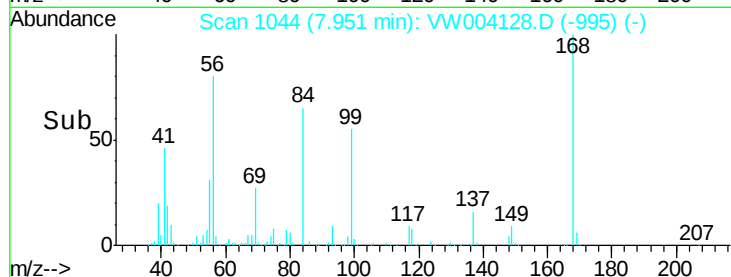
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.65 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW004128.D

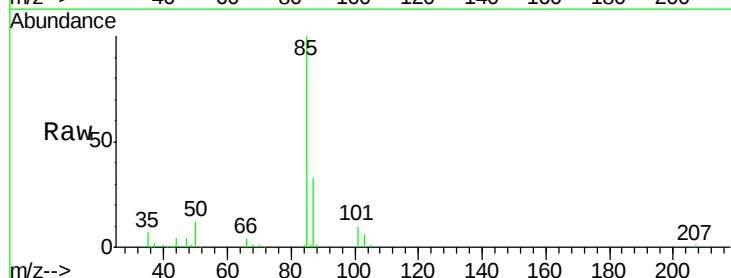
Acq: 23 Jul 2018 10:56

Tgt Ion: 85 Resp: 78966

Ion Ratio Lower Upper

85 100

87 32.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

15000

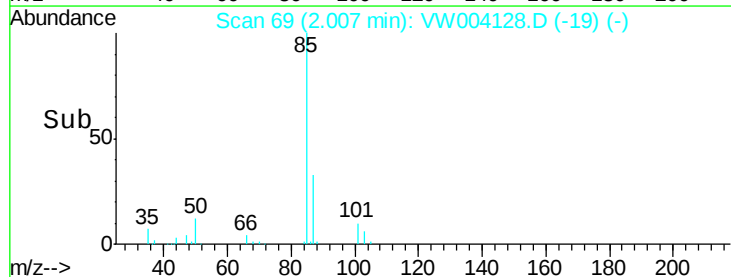
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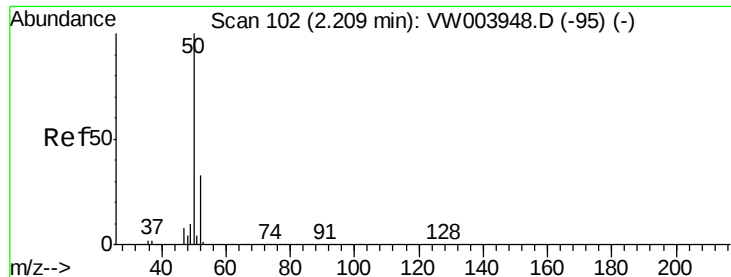
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 54.64 ug/l

RT: 2.21 min Scan# 103

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 114373

Ion Ratio Lower Upper

50 100

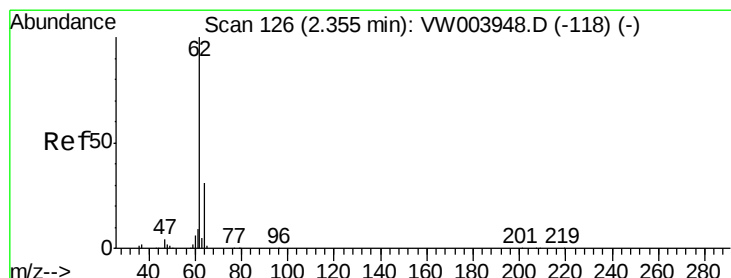
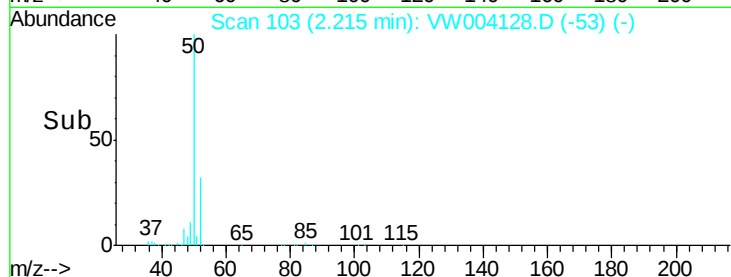
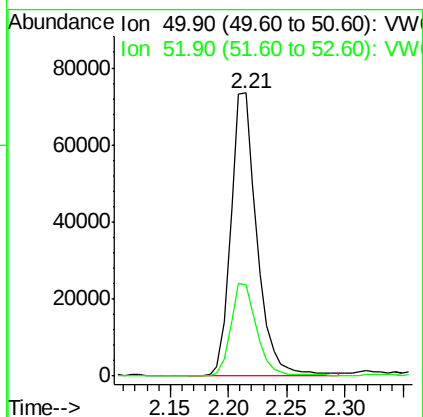
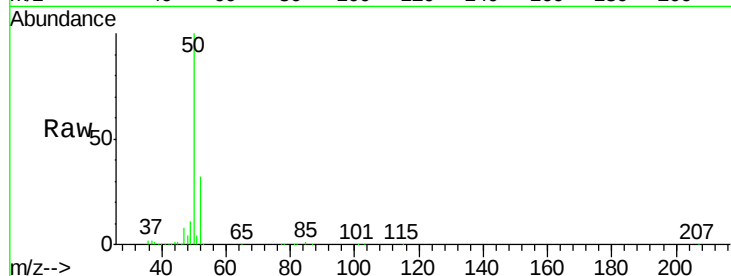
52 32.4 26.3 39.5

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#4

Vinyl Chloride

Concen: 51.65 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW004128.D

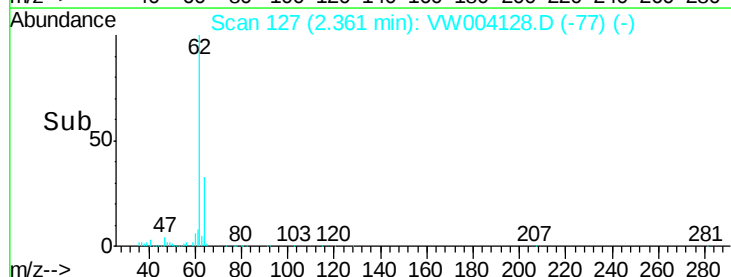
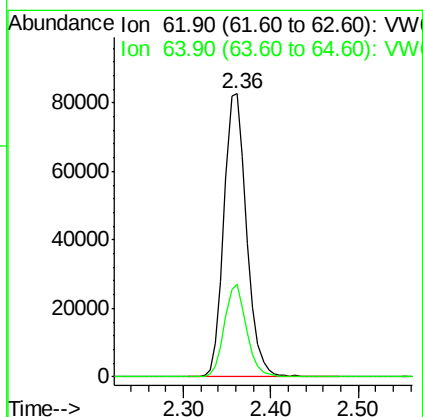
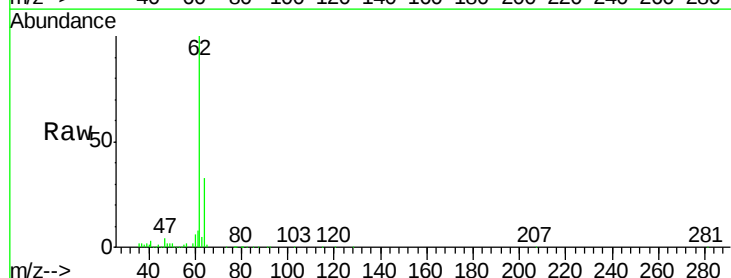
Acq: 23 Jul 2018 10:56

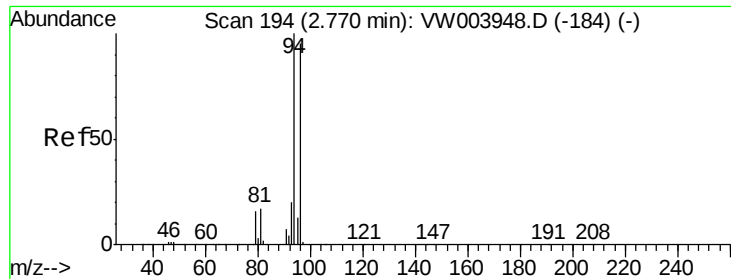
Tgt Ion: 62 Resp: 148724

Ion Ratio Lower Upper

62 100

64 32.5 25.0 37.6





#5

Bromomethane

Concen: 46.72 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

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Tot Ion: 94 Resp: 84085

Ion Ratio Lower Upper

94 100

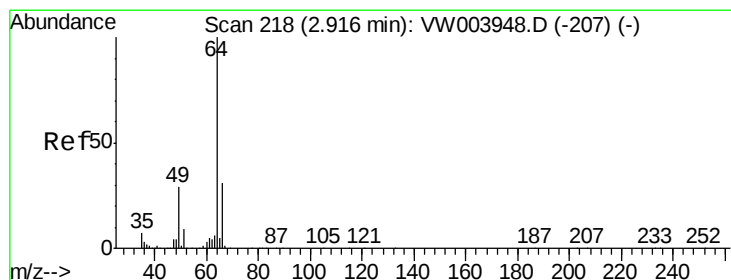
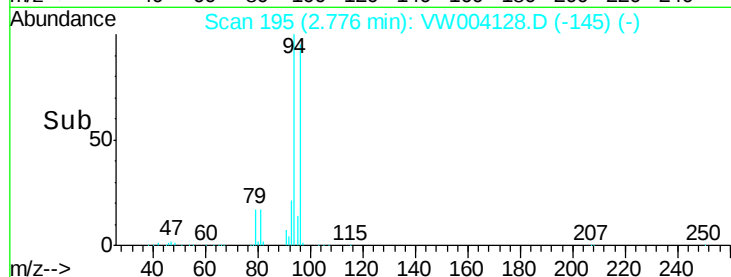
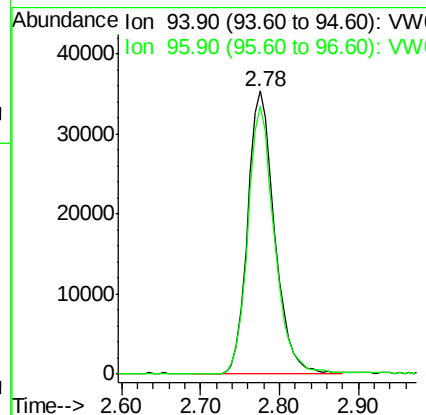
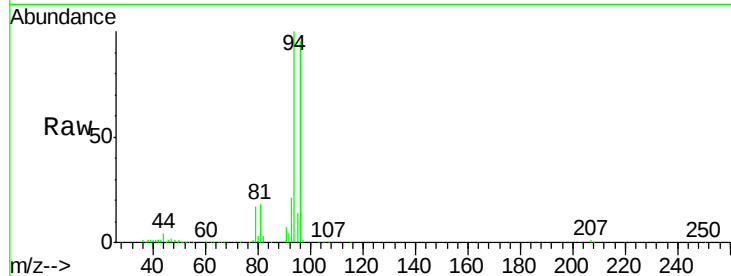
96 94.7 75.8 113.6

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#6

Chloroethane

Concen: 49.20 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW004128.D

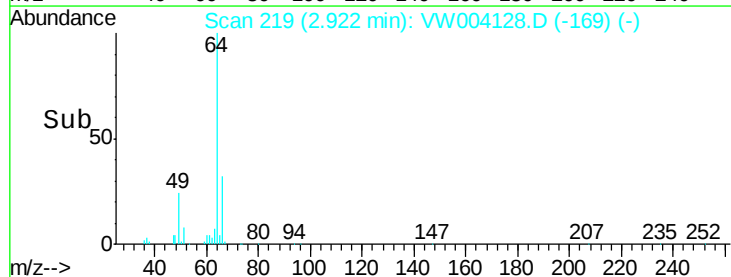
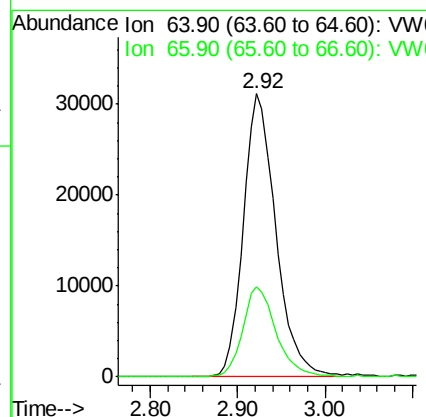
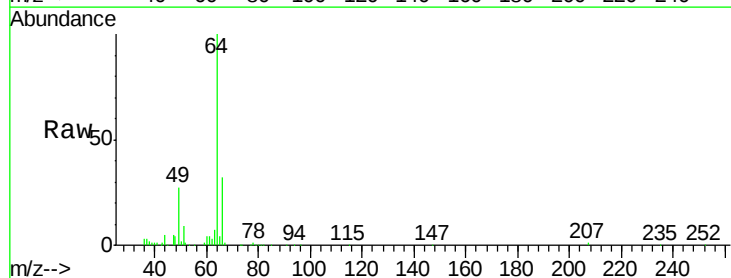
Acq: 23 Jul 2018 10:56

Tgt Ion: 64 Resp: 80493

Ion Ratio Lower Upper

64 100

66 32.0 24.5 36.7





#7

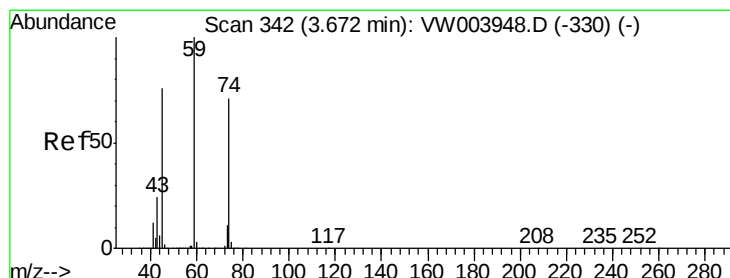
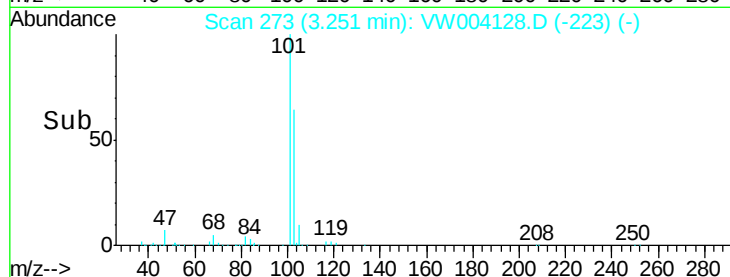
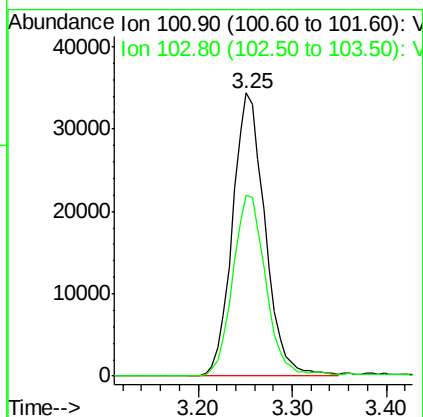
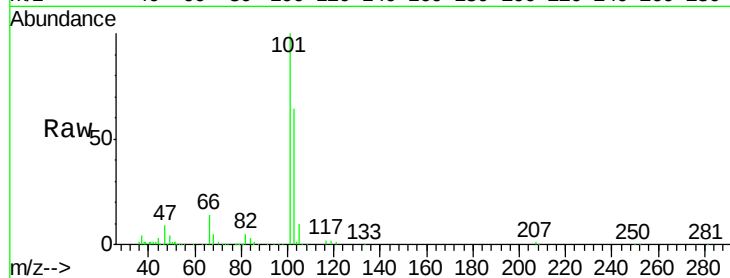
Trichlorofluoromethane
 Concen: 68.46 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

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 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.0	73.6

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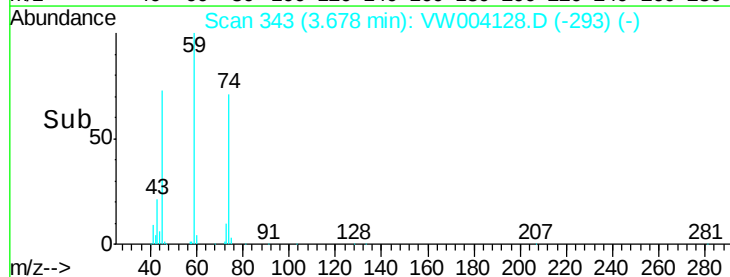
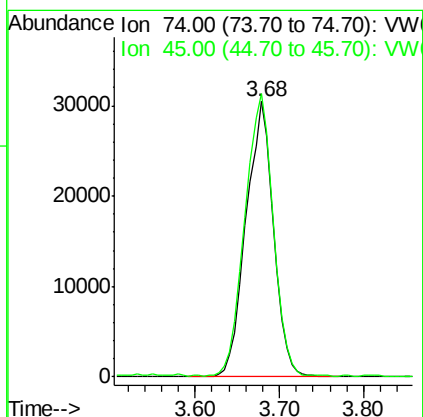
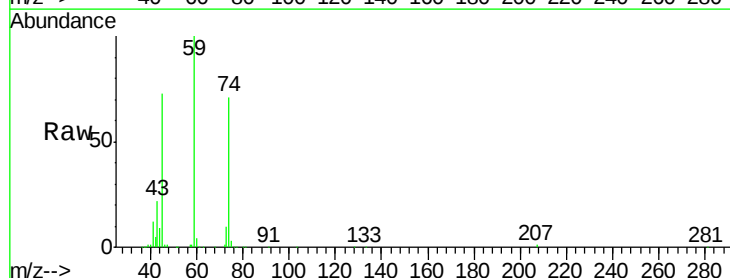
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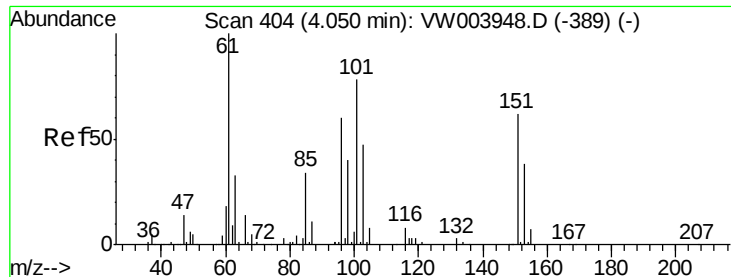


#8

Diethyl Ether
 Concen: 47.77 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.1	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.30 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

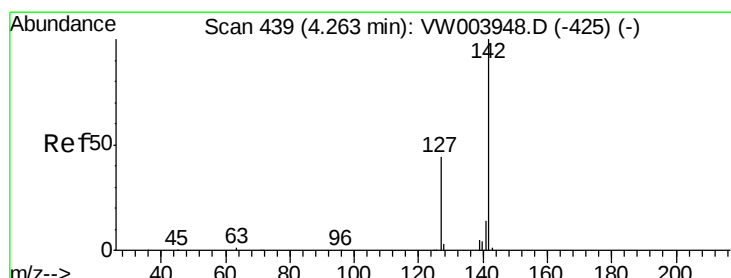
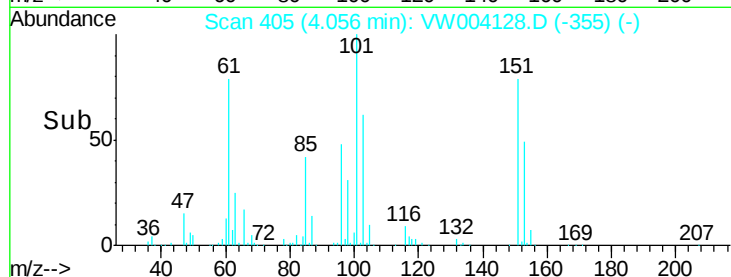
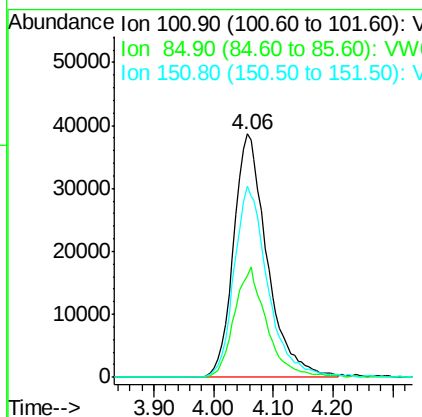
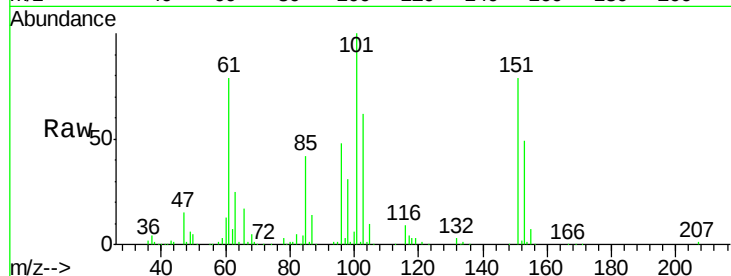
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	151462
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.8	53.6
151	78.7	63.6	95.4

Manual Integrations
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#10

Methyl Iodide

Concen: 54.53 ug/l

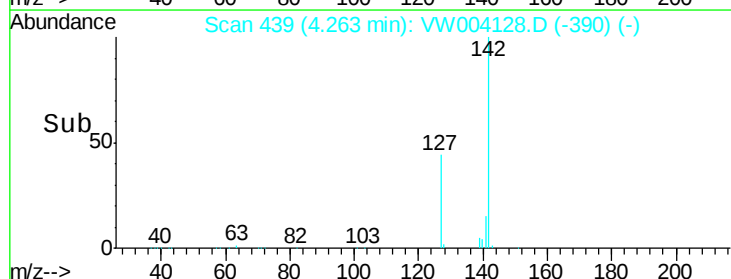
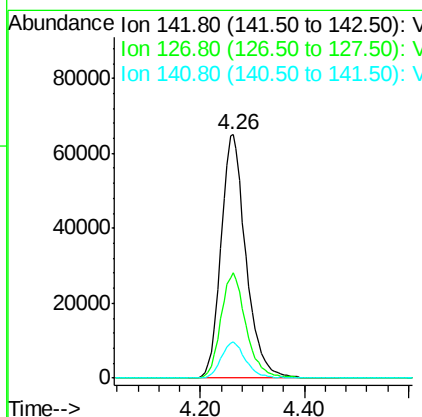
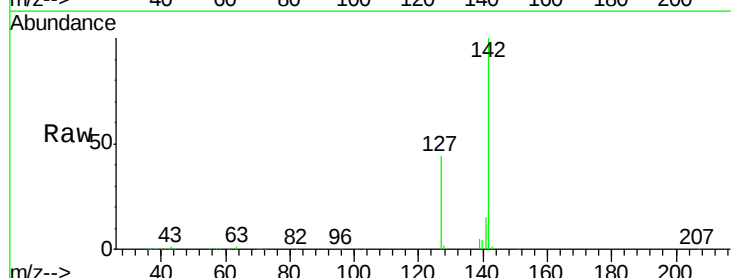
RT: 4.26 min Scan# 439

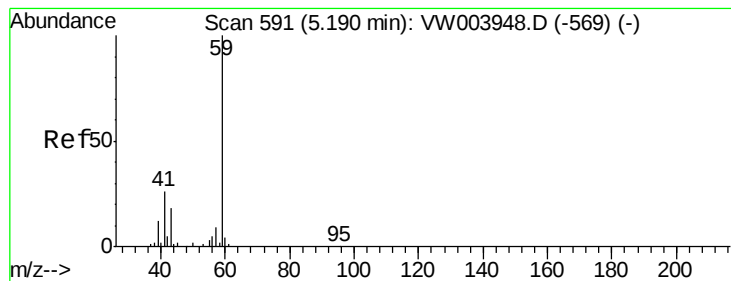
Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Tgt Ion:	142	Resp:	218461
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.4	53.2
141	14.7	11.7	17.5





#11

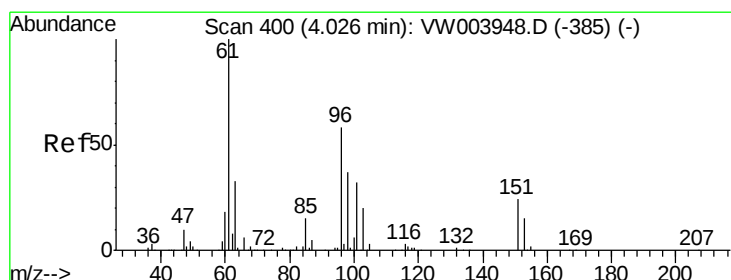
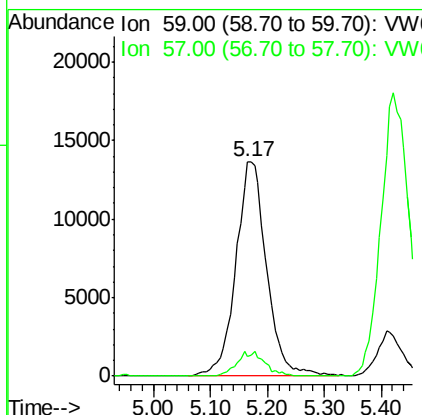
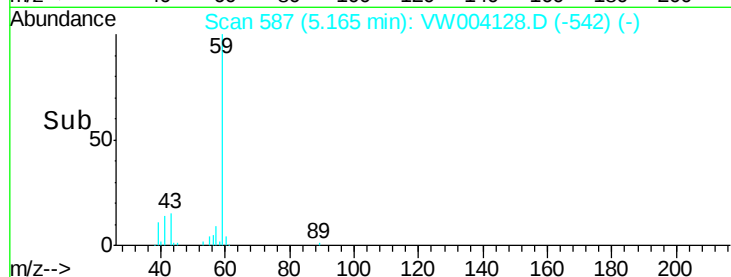
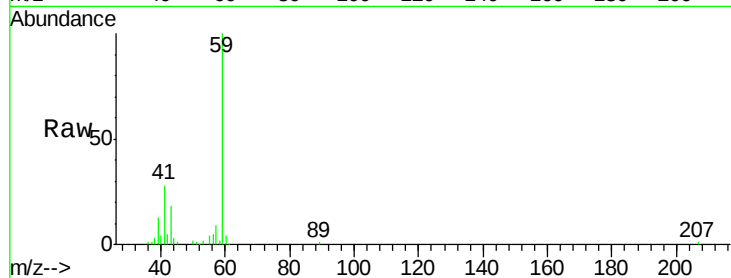
Tert butyl alcohol
Concen: 235.72 ug/l
RT: 5.17 min Scan# 587
Delta R.T. -0.02 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.6	8.5	12.7#

Manual Integrations
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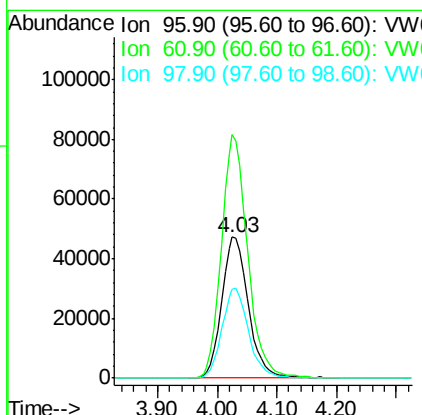
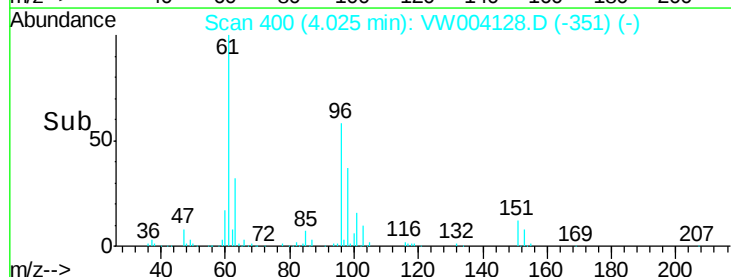
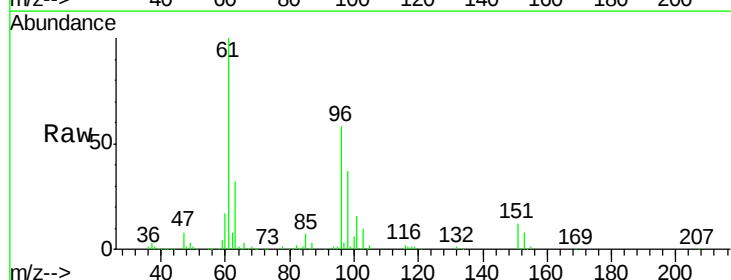
apatel
7/24/2018 11:49:34 AM

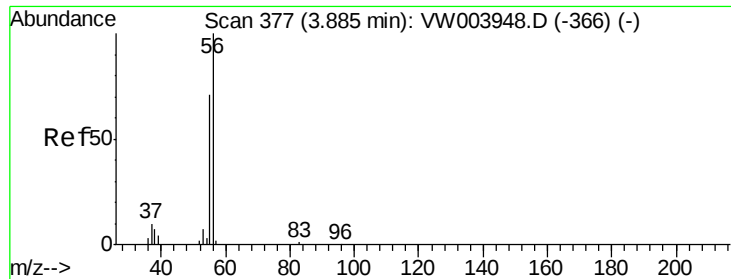


#12

1,1-Dichloroethene
Concen: 53.47 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.1	137.0	205.6
98	63.5	50.2	75.4





#13

Acrolein

Concen: 279.34 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 62724

Ion Ratio Lower Upper

56 100

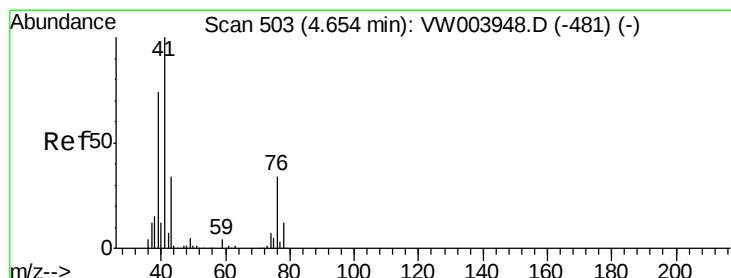
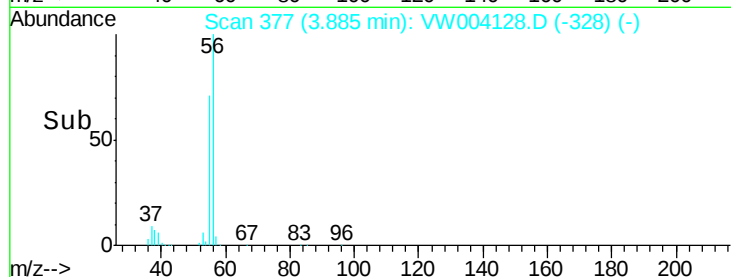
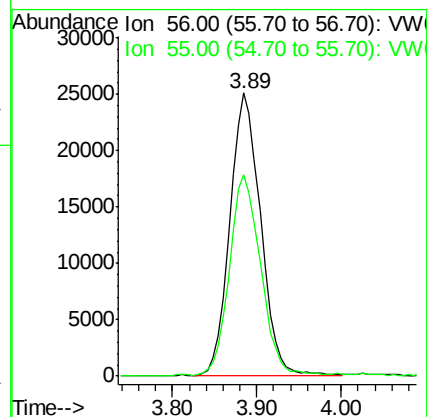
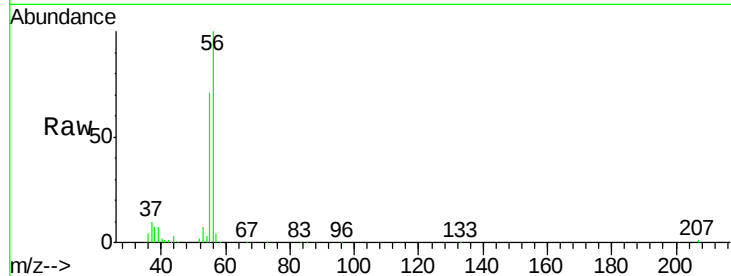
55 71.5 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 56.12 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

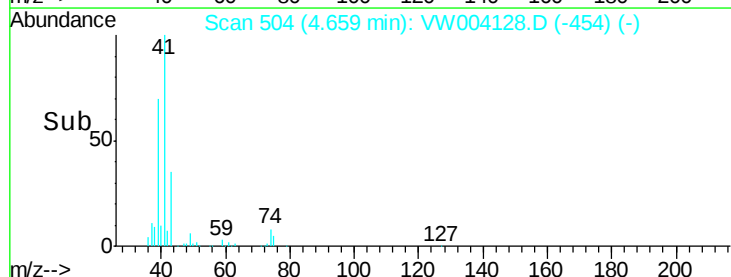
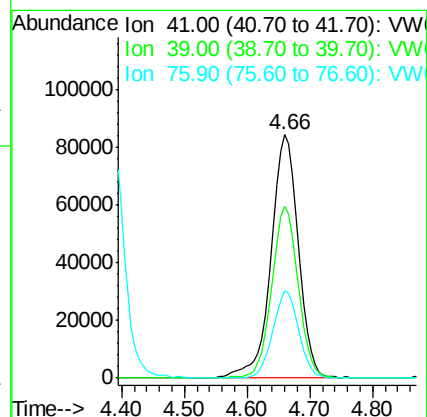
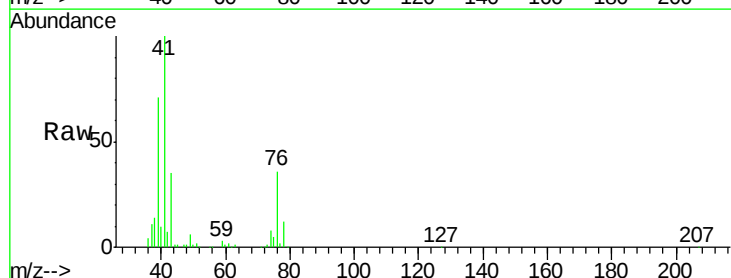
Tgt Ion: 41 Resp: 254959

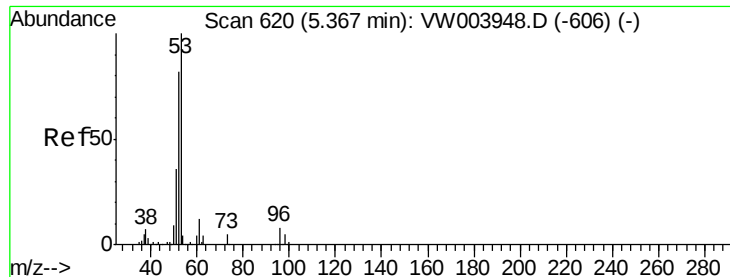
Ion Ratio Lower Upper

41 100

39 68.7 57.0 85.4

76 34.0 26.5 39.7





#15

Acrylonitrile

Concen: 246.73 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

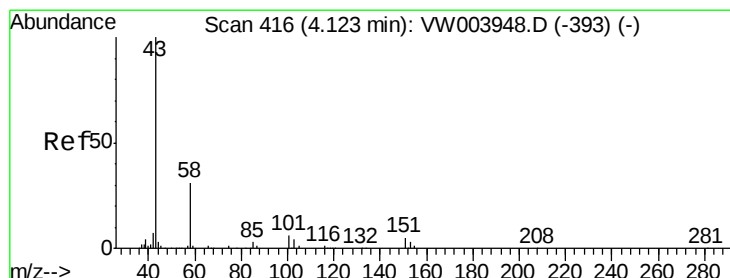
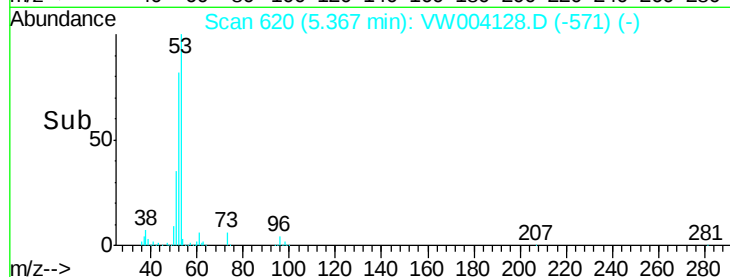
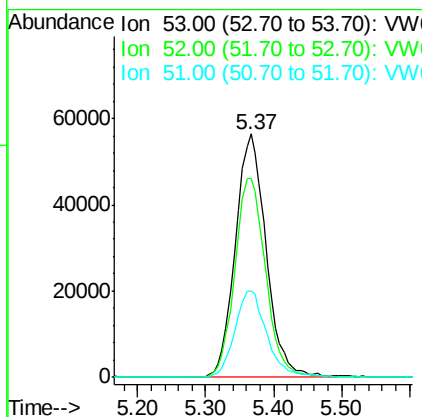
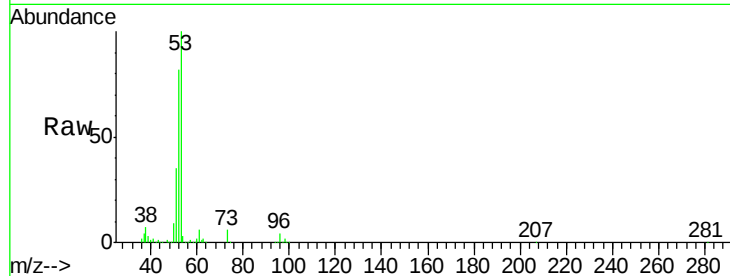
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	177402
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	36.9	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 278.60 ug/l

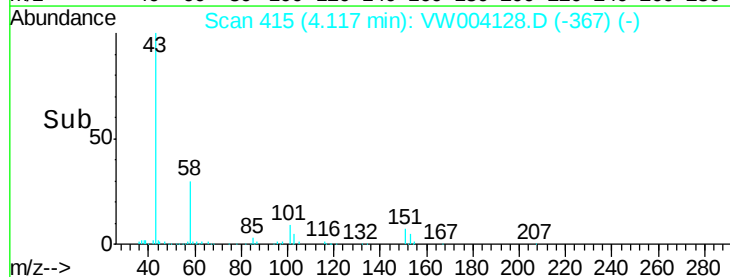
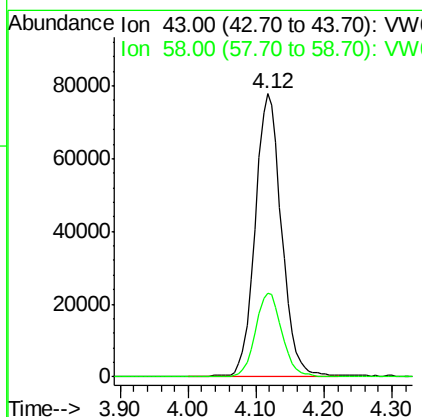
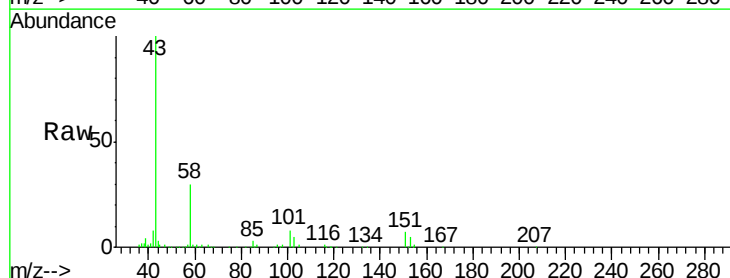
RT: 4.12 min Scan# 415

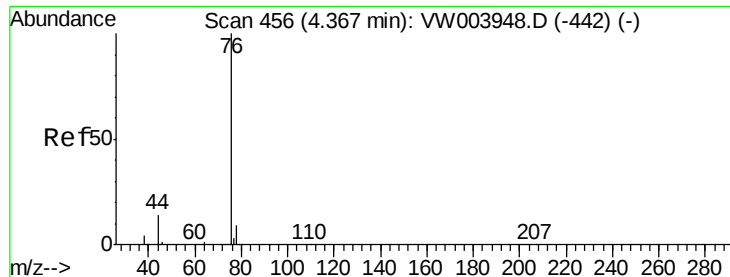
Delta R.T. -0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Tgt Ion:	43	Resp:	211936
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.5	36.7





#17

Carbon Disulfide

Concen: 55.13 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 473661

Ion Ratio Lower Upper

76 100

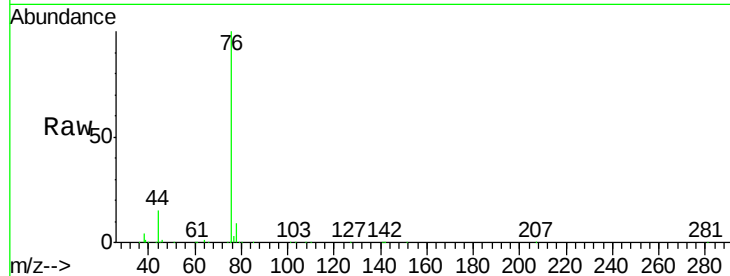
78 8.7 7.1 10.7

Manual Integrations

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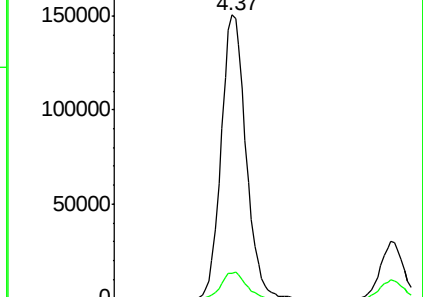
apatel

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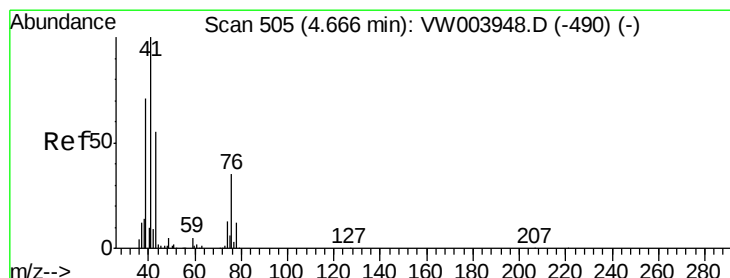
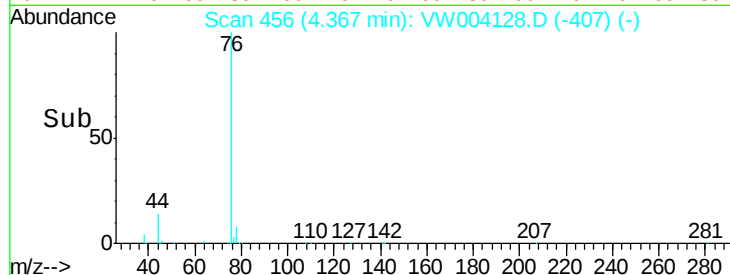


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#18

Methyl Acetate

Concen: 49.53 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW004128.D

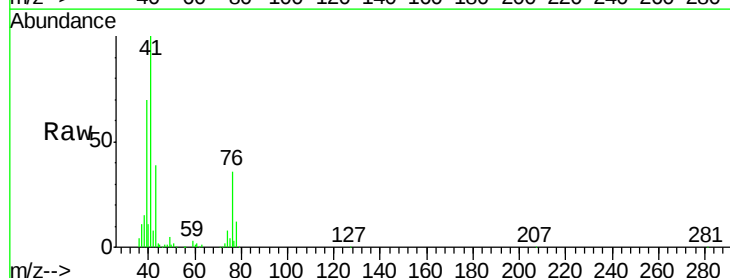
Acq: 23 Jul 2018 10:56

Tgt Ion: 43 Resp: 90448

Ion Ratio Lower Upper

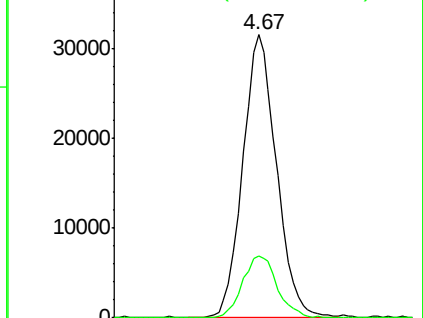
43 100

74 22.5 17.7 26.5

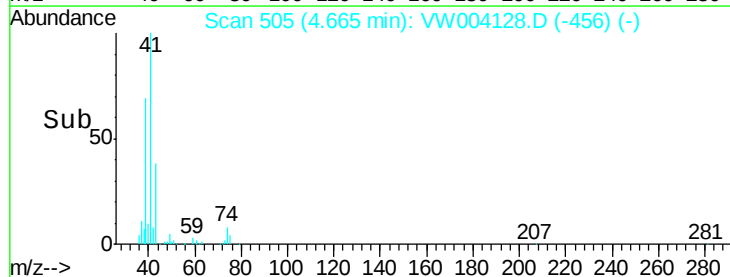


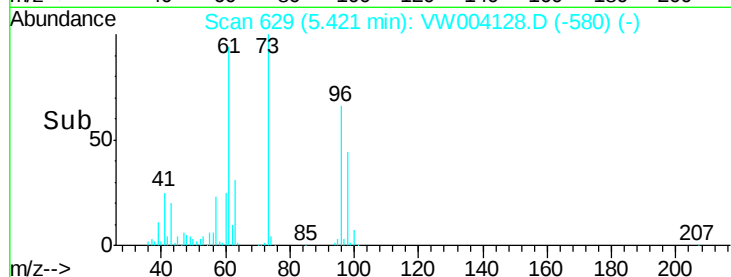
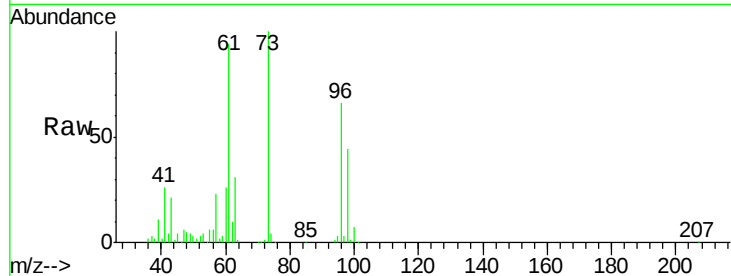
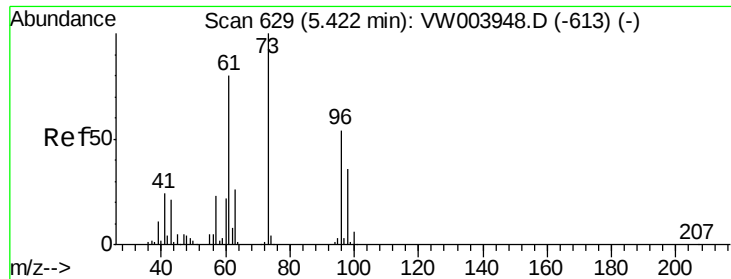
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->





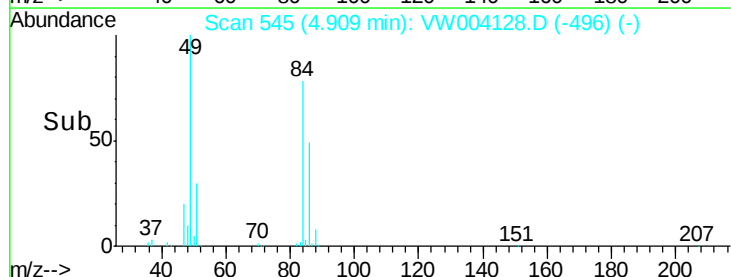
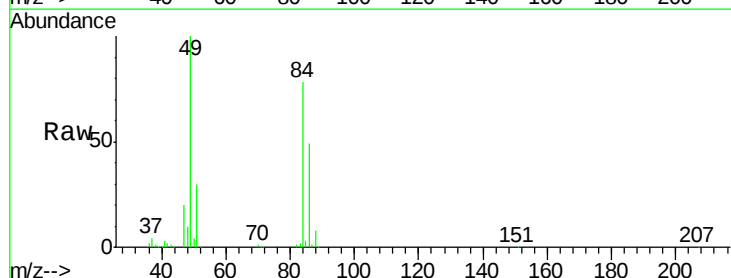
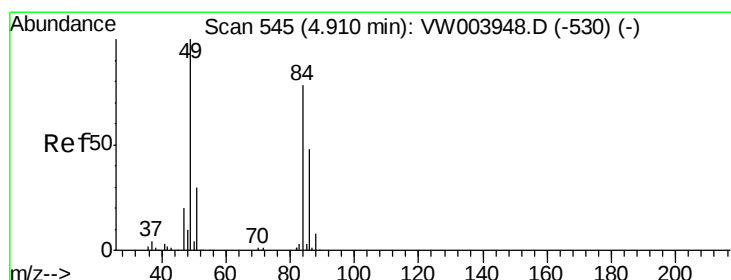
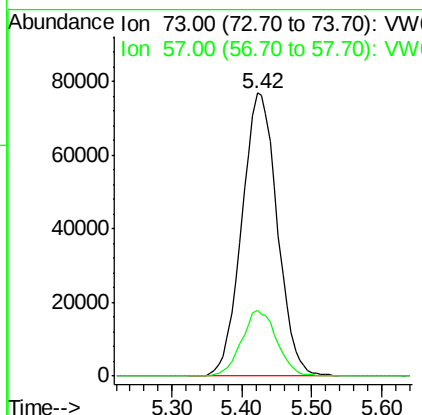
#19
Methvl tert-butvl Ether
Concen: 51.28 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tot Ion: 73 Resp: 270496
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

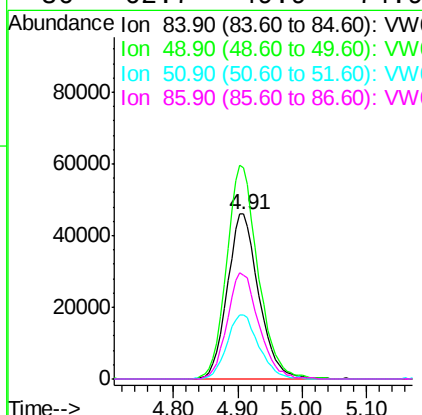
Manual Integrations
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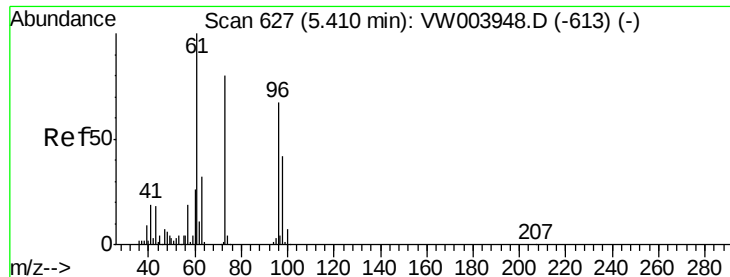
apatel
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#20
Methylene Chloride
Concen: 46.37 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion: 84 Resp: 157648
Ion Ratio Lower Upper
84 100
49 128.0 102.9 154.3
51 38.8 30.9 46.3
86 62.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 51.71 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

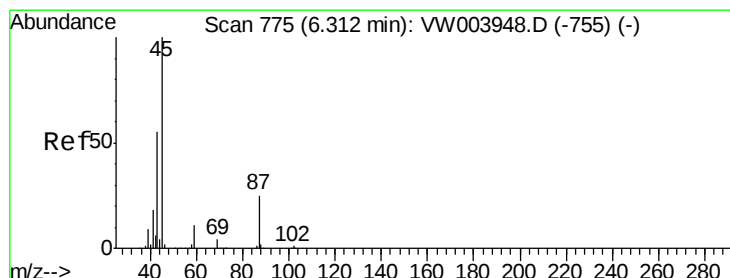
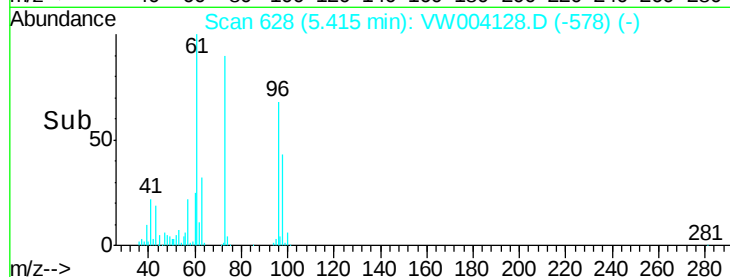
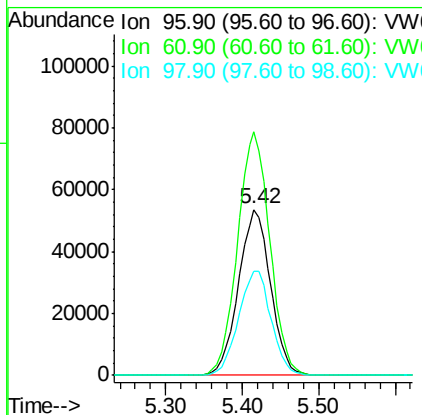
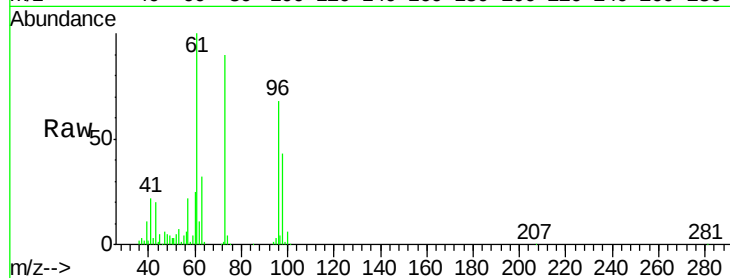
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	156004
Ion	Ratio	Lower	Upper
96	100		
61	146.8	119.0	178.4
98	62.9	49.9	74.9

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#22

Diisopropyl ether

Concen: 53.81 ug/l

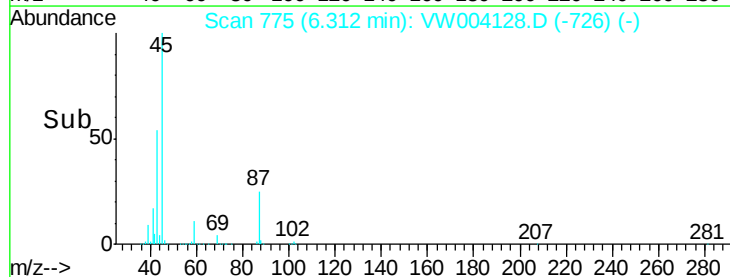
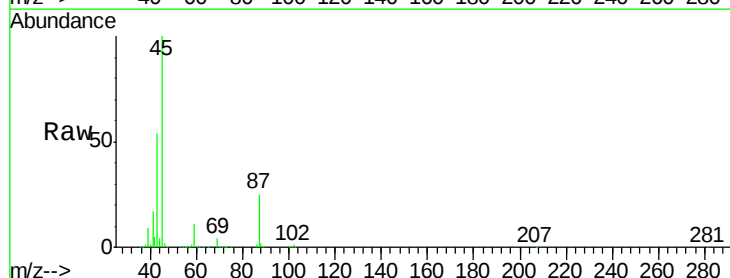
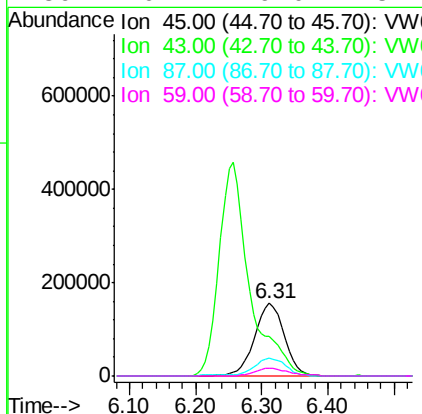
RT: 6.31 min Scan# 775

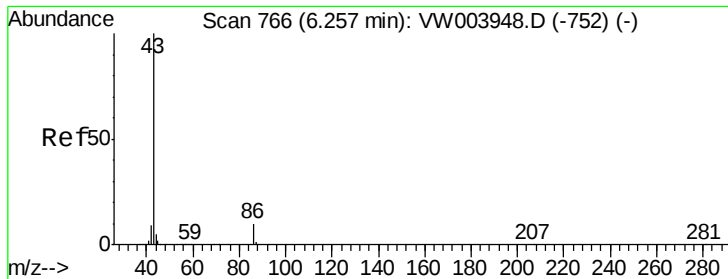
Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Tgt Ion:	45	Resp:	494030
Ion	Ratio	Lower	Upper
45	100		
43	53.7	44.3	66.5
87	25.1	20.2	30.4
59	10.7	9.0	13.4





#23

Vinyl Acetate

Concen: 252.16 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1466981

Ion Ratio Lower Upper

43 100

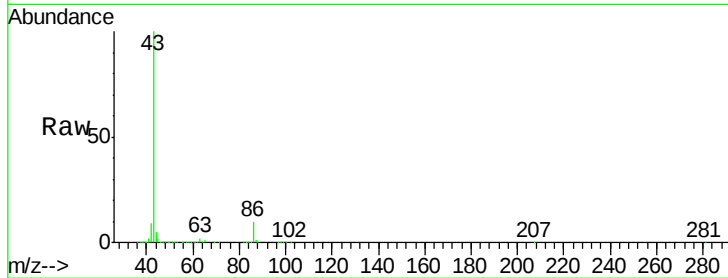
86 9.5 7.6 11.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

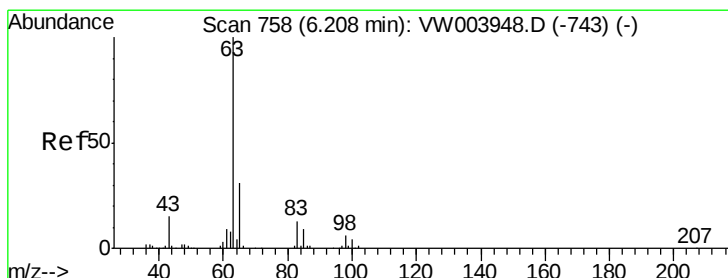
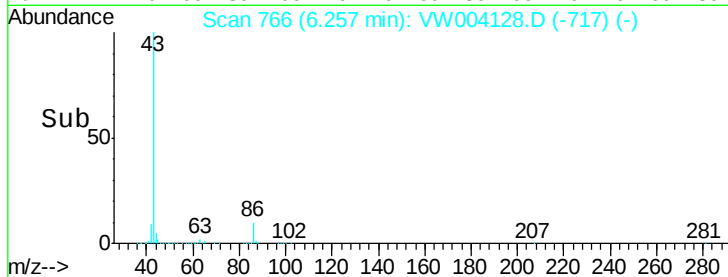
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.91 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

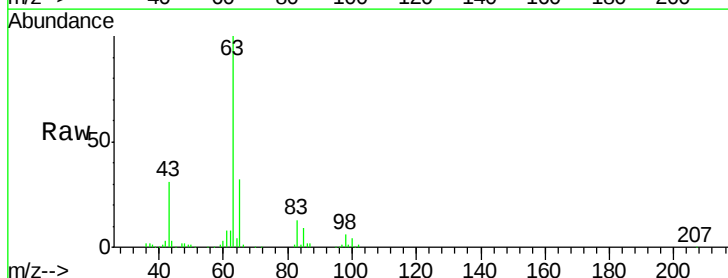
Tgt Ion: 63 Resp: 290841

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

120000

100000

80000

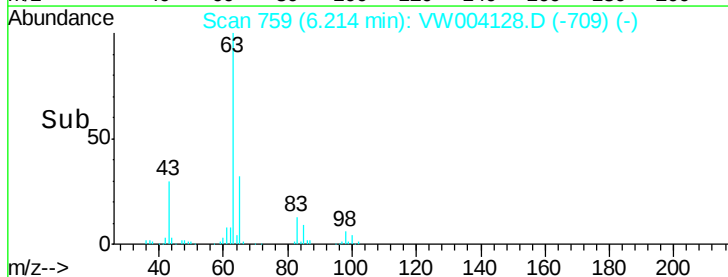
60000

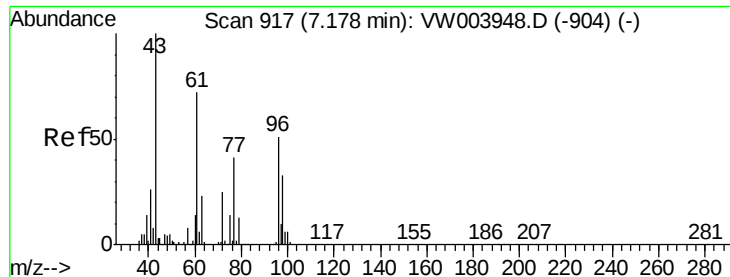
40000

20000

0

Time-->





#25

2-Butanone

Concen: 240.11 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 245800

Ion Ratio Lower Upper

43 100

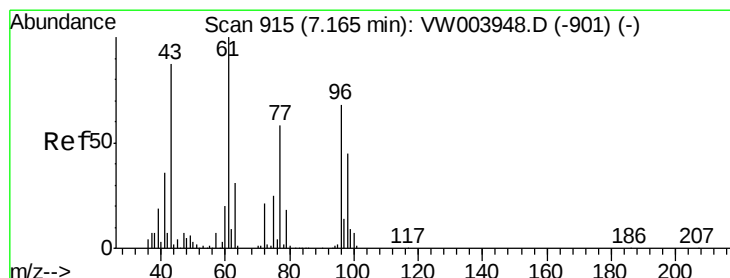
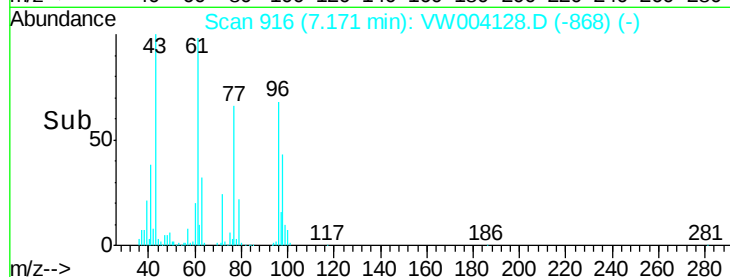
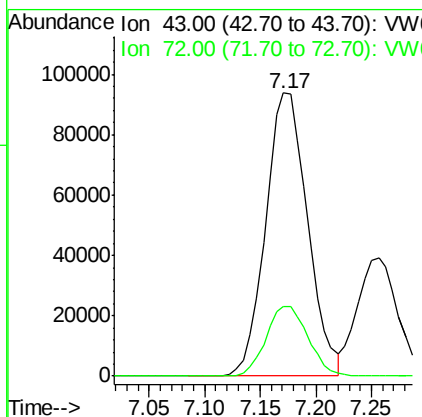
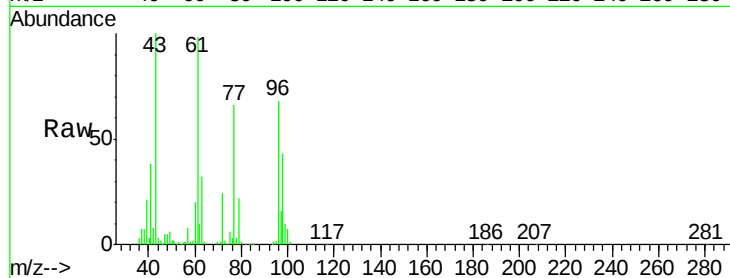
72 24.4 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 56.03 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004128.D

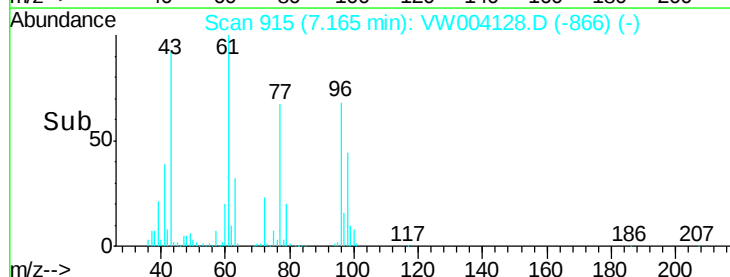
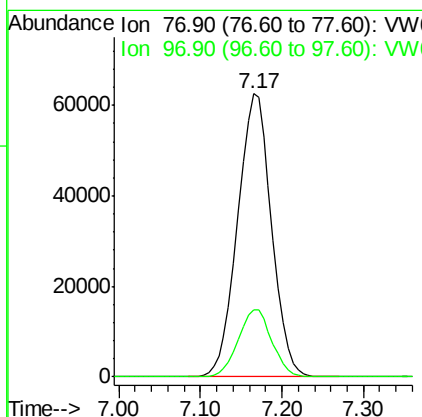
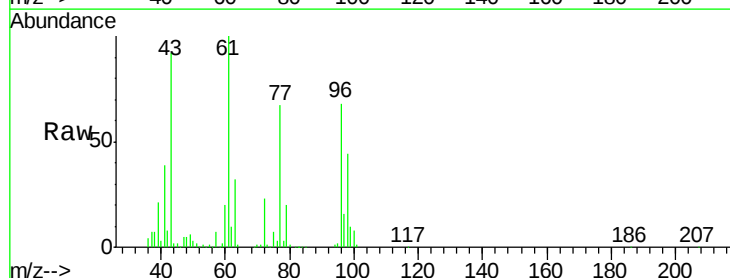
Acq: 23 Jul 2018 10:56

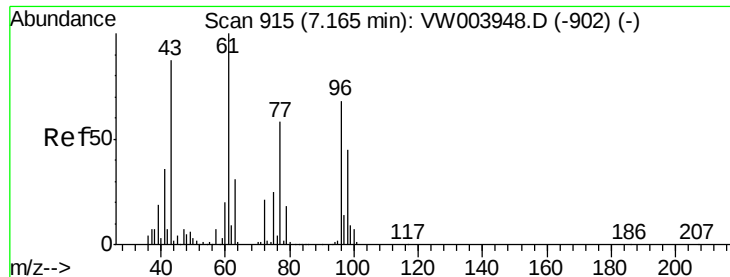
Tgt Ion: 77 Resp: 180192

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

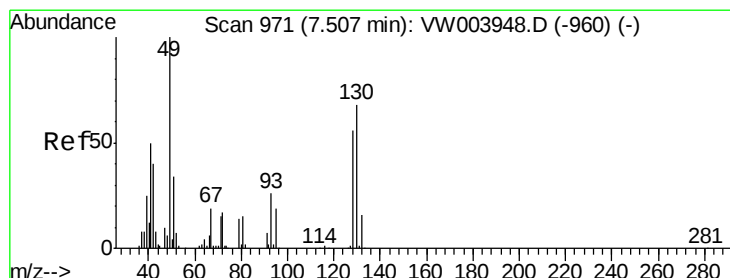
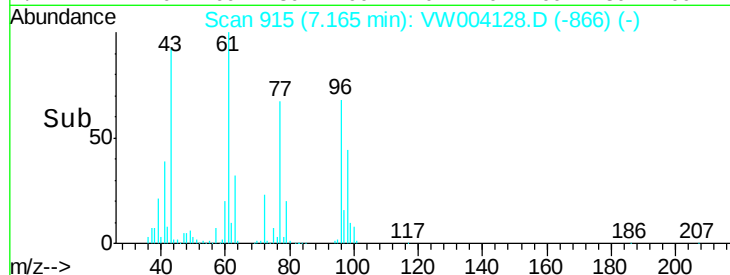
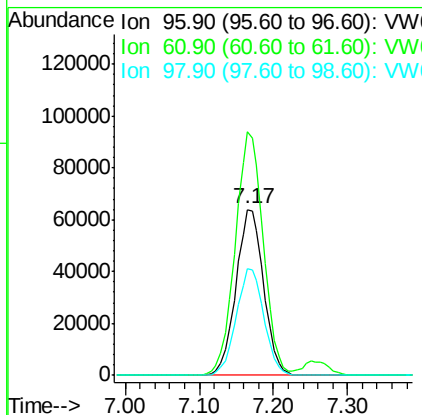
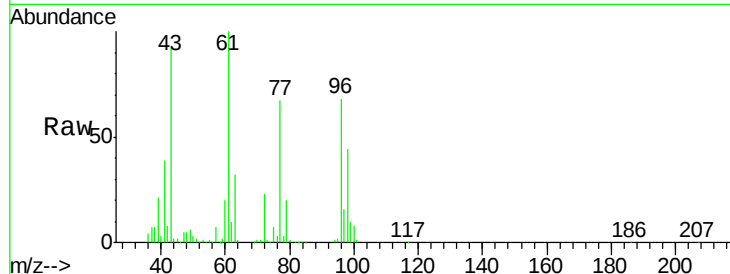
cis-1,2-Dichloroethene
 Concen: 51.06 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		166520		
61	148.5	0.0	298.6		
98	64.4	0.0	130.4		

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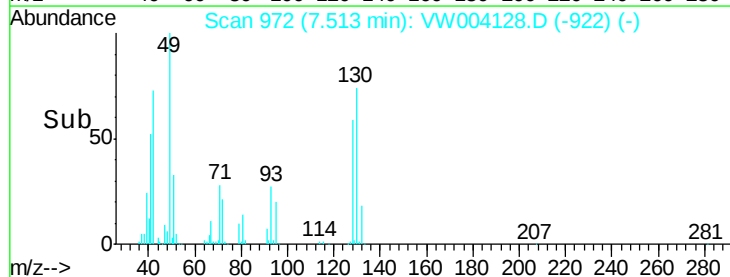
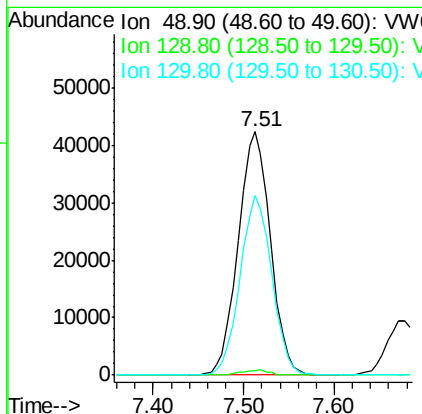
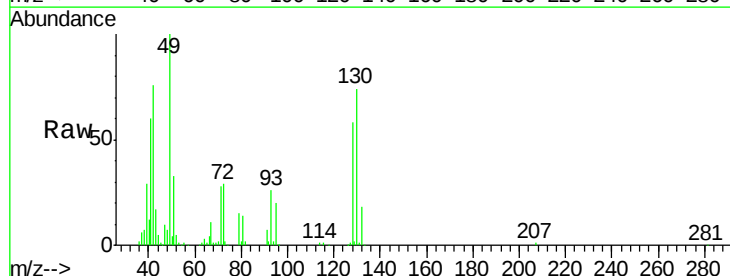
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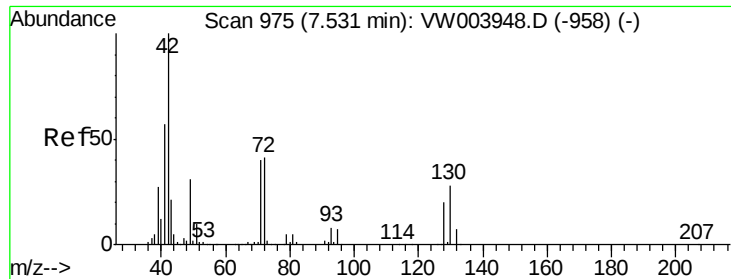


#28

Bromochloromethane
 Concen: 45.55 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		104424		
129	1.9	0.0	2.2		
130	72.6	58.3	87.5		





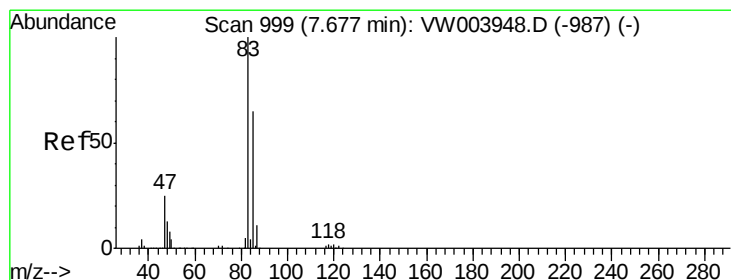
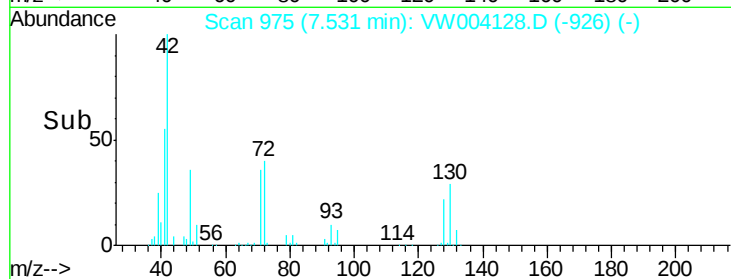
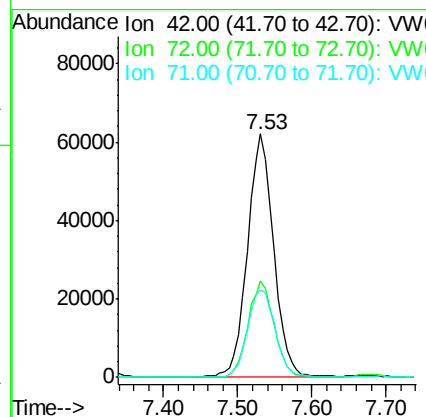
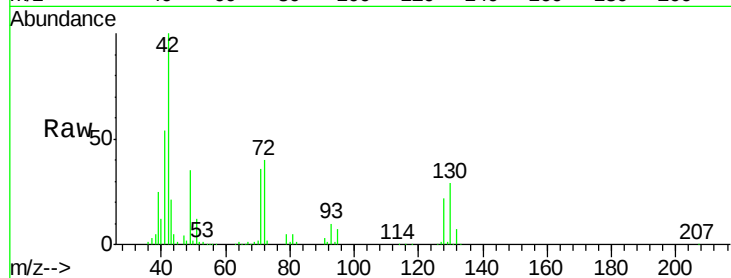
#29
Tetrahydrofuran
Concen: 239.94 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.6	48.8
71	38.0	30.5	45.7

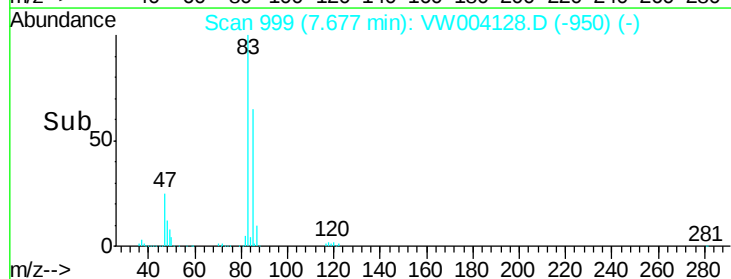
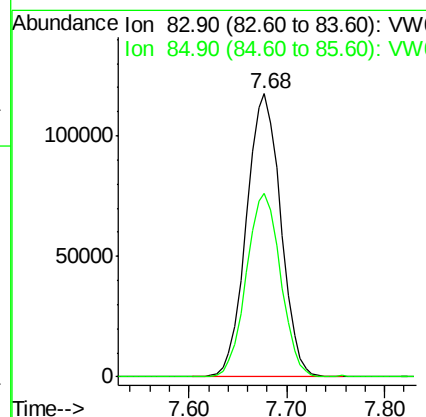
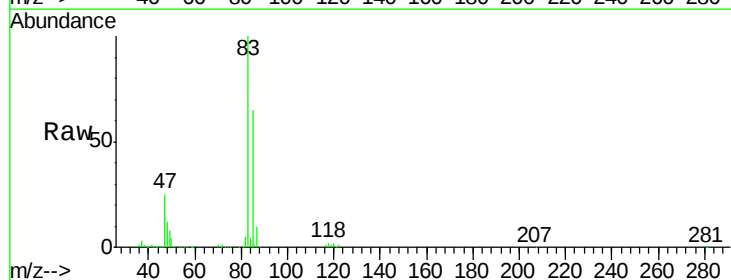
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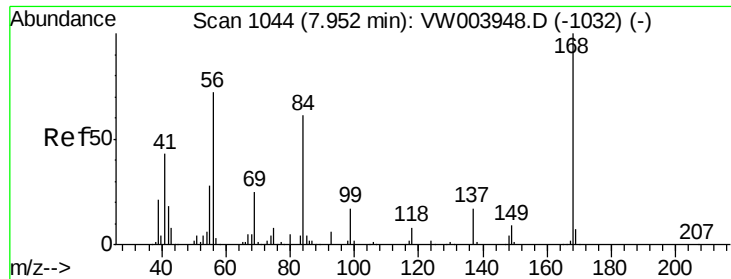
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#30
Chloroform
Concen: 51.23 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.4





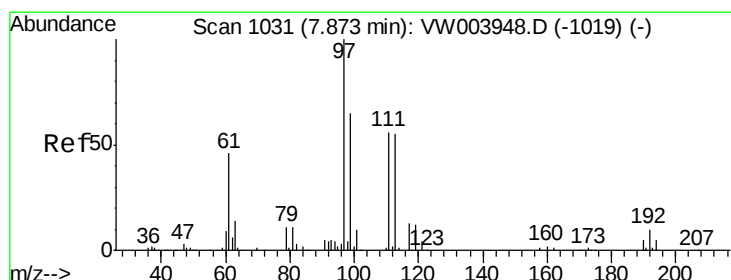
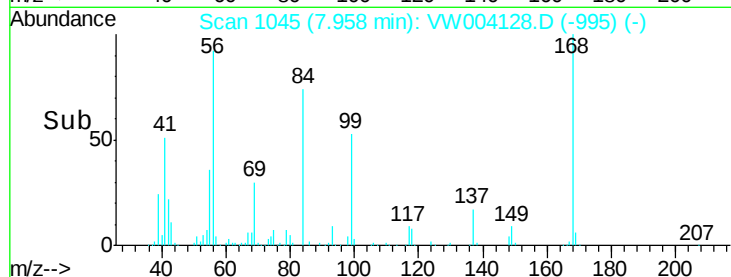
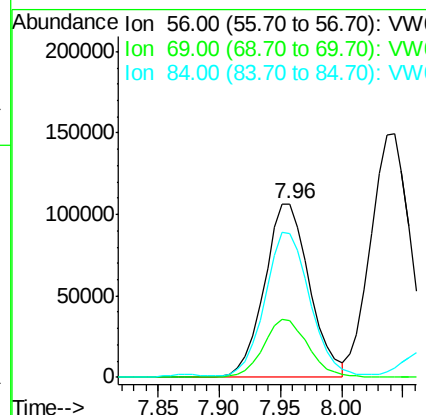
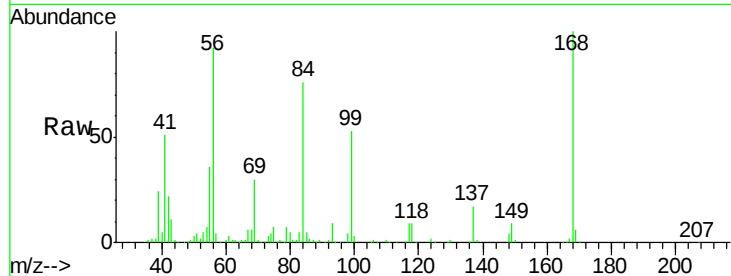
#31
Cyclohexane
Concen: 52.15 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	27.8	41.8
84	81.7	67.2	100.8

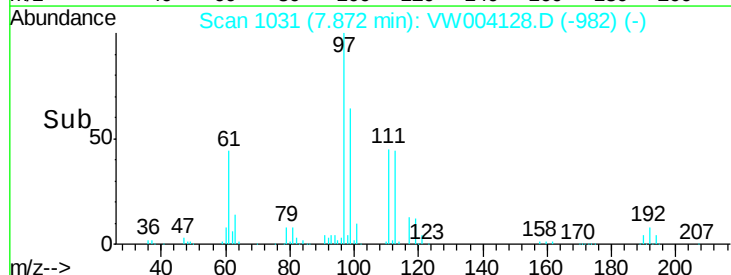
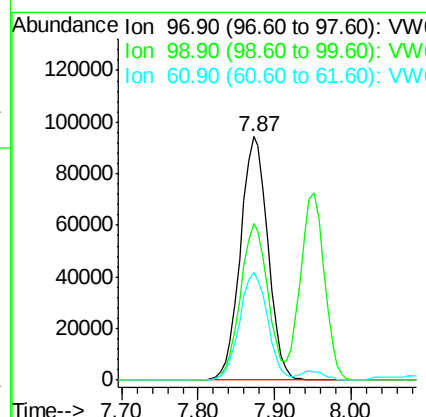
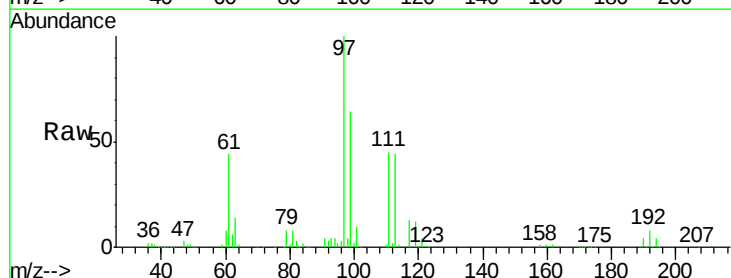
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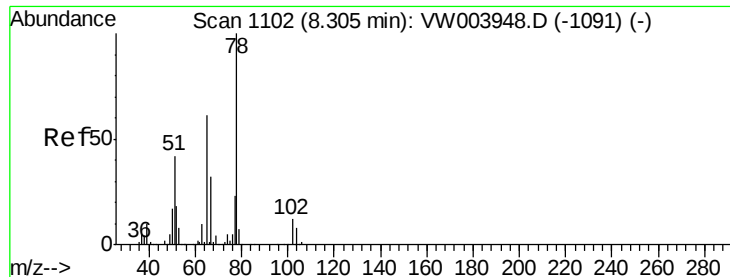
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#32
1,1,1-Trichloroethane
Concen: 53.96 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	45.0	36.8	55.2





#33

1,2-Dichloroethane-d4

Concen: 48.56 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 153727

Ion Ratio Lower Upper

65 100

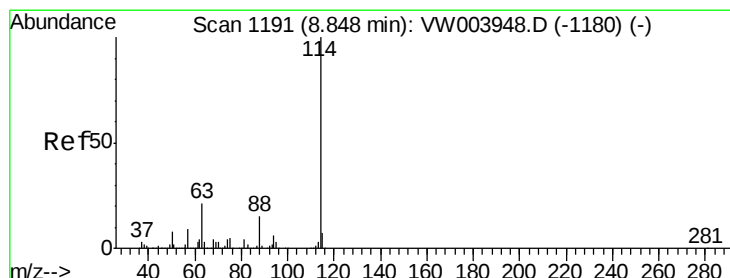
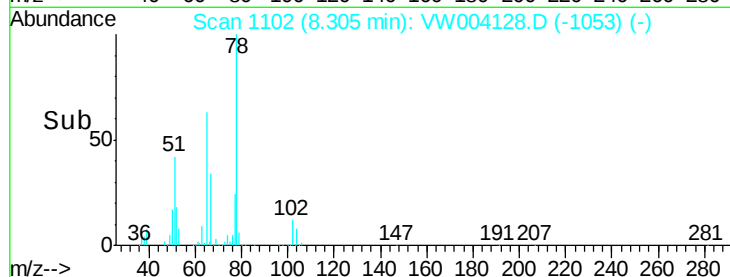
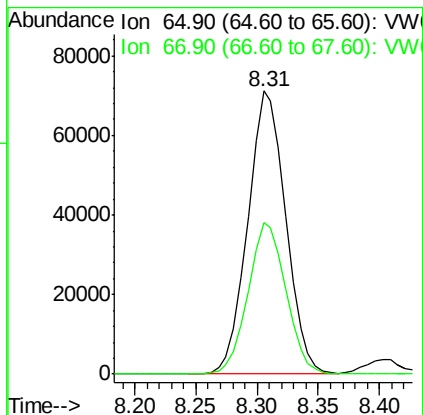
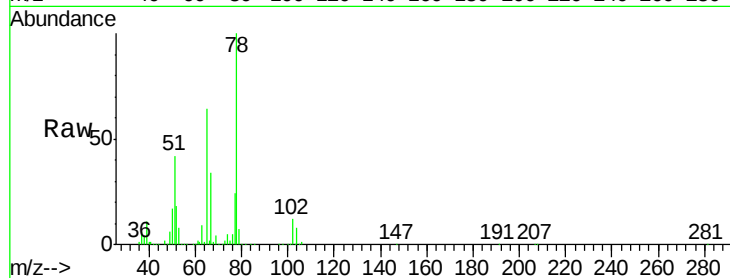
67 53.5 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

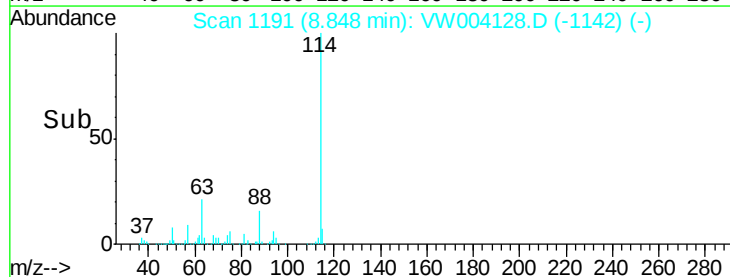
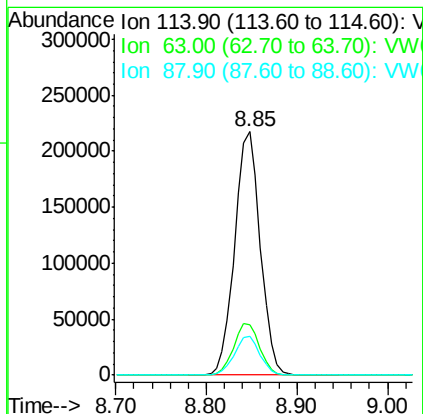
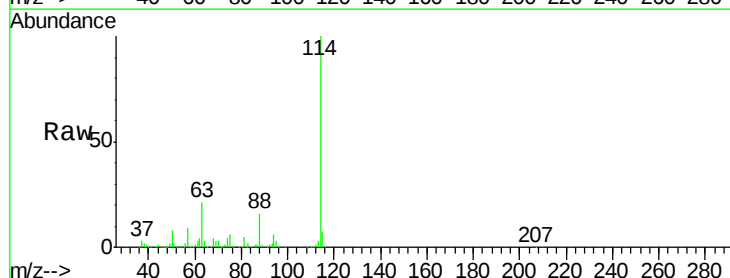
Tgt Ion: 114 Resp: 423507

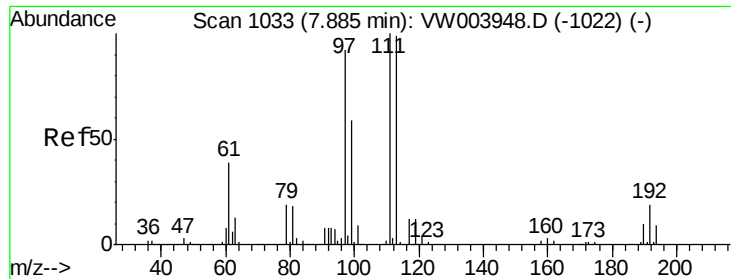
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 15.7 0.0 30.4





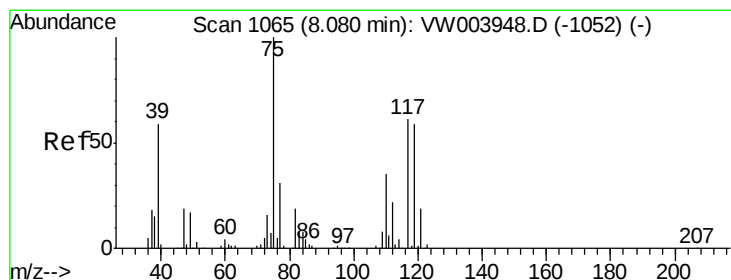
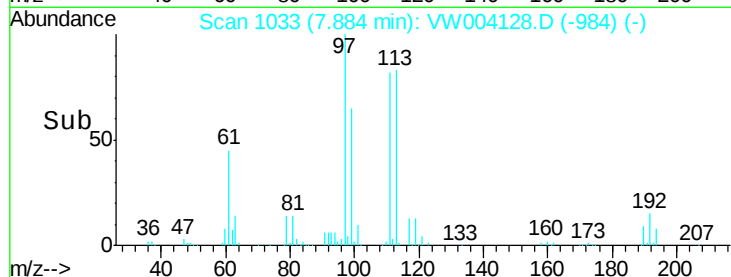
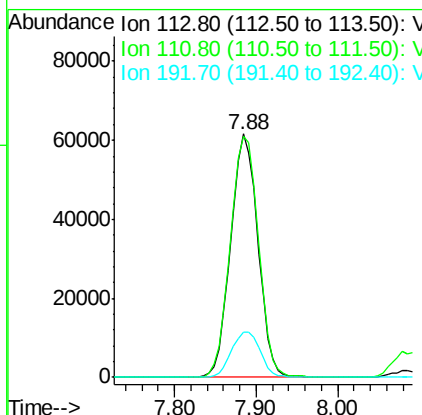
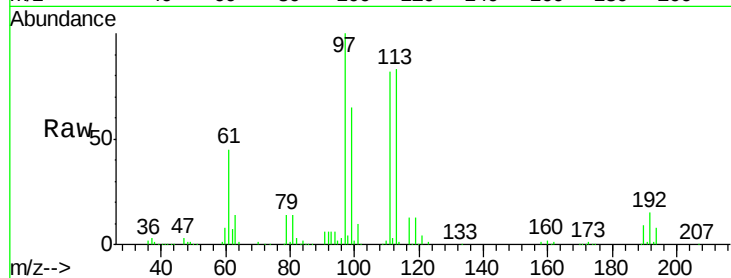
#35
 Dibromofluoromethane
 Concen: 52.12 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141630		
111	102.6	81.3	121.9	
192	19.9	15.8	23.6	

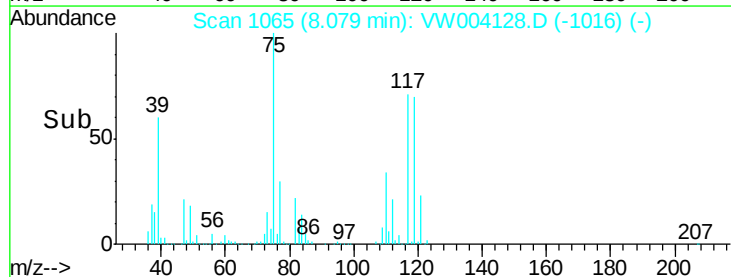
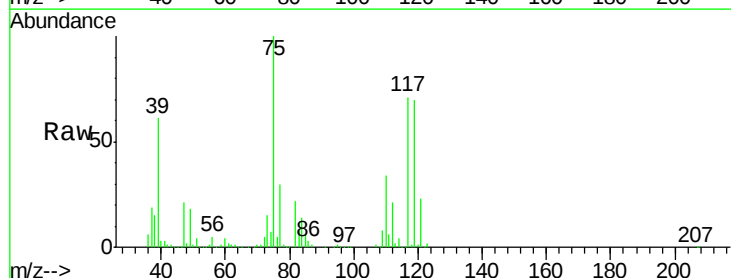
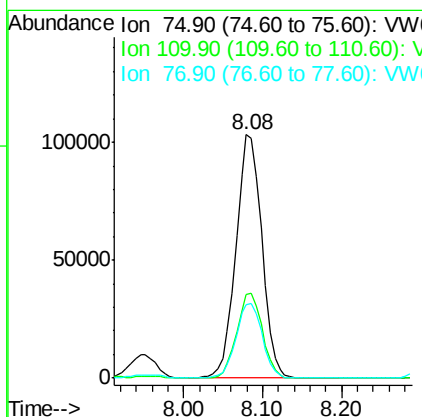
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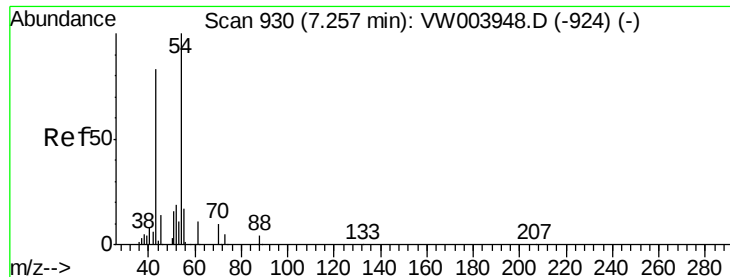
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#36
 1,1-Dichloropropene
 Concen: 54.20 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	236146		
110	34.6	17.0	51.0	
77	31.2	24.9	37.3	





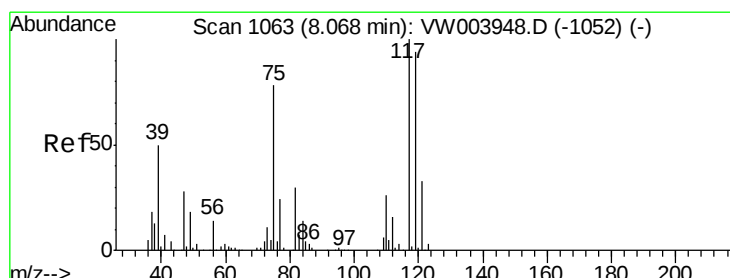
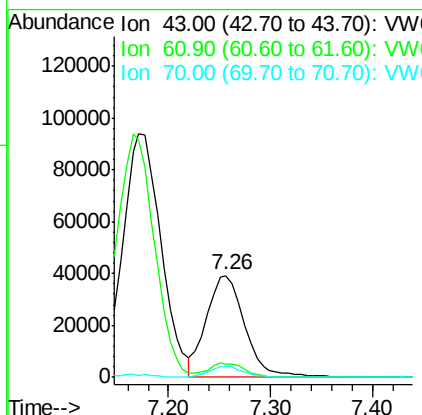
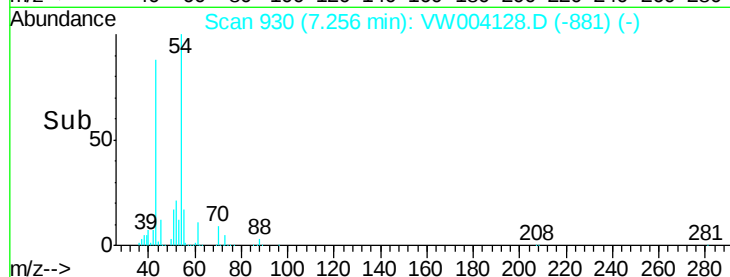
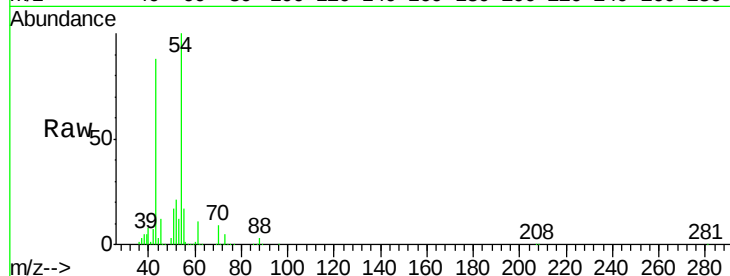
#37
Ethyl Acetate
Concen: 48.06 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	9.9	7.7	11.5

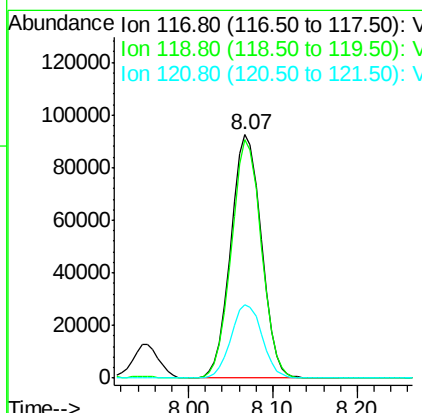
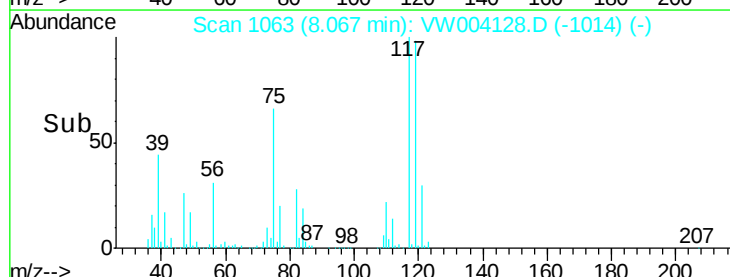
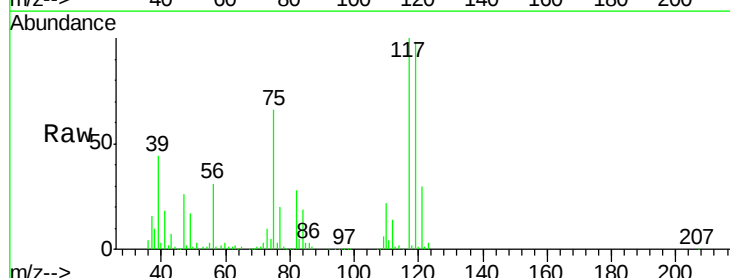
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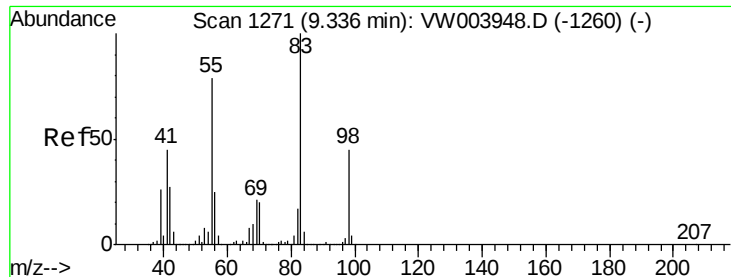
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#38
Carbon Tetrachloride
Concen: 55.80 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.3	112.9
121	30.3	26.0	39.0





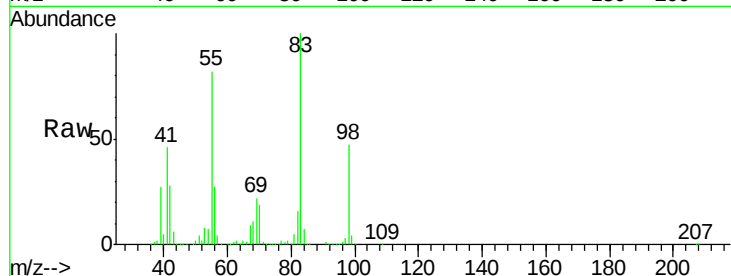
#39
Methvlcvclohexane
Concen: 56.70 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

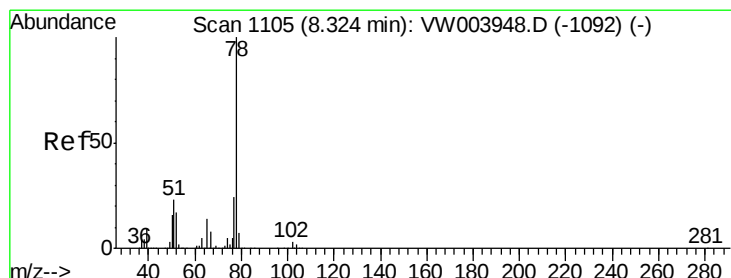
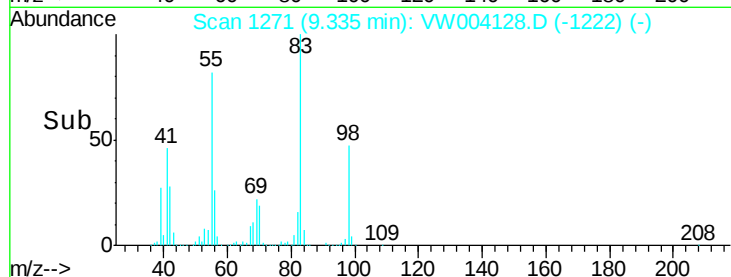
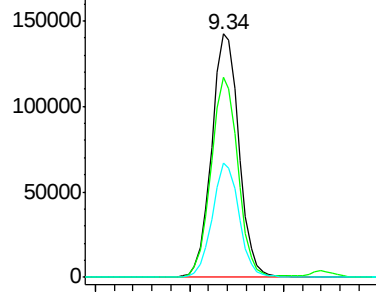
Tot Ion	Ratio	Resp	Lower	Upper
83	100	289358		
55	82.1	62.8	94.2	
98	47.2	36.2	54.4	

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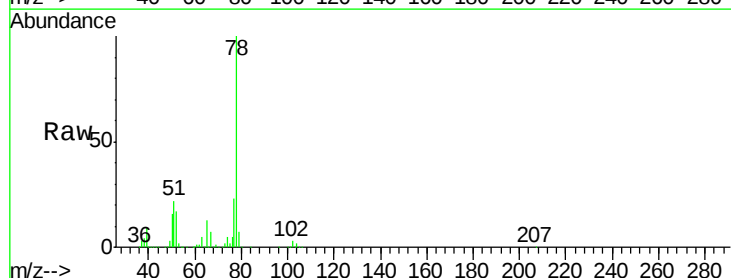


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

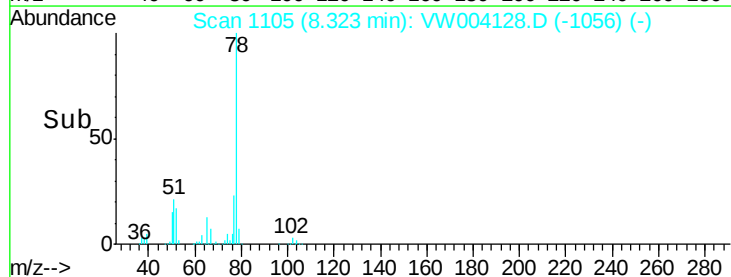
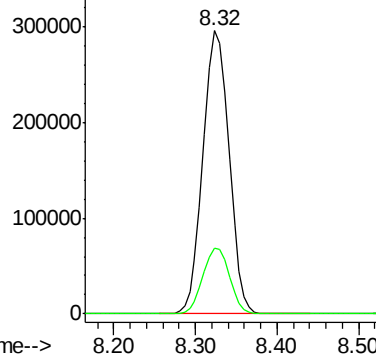


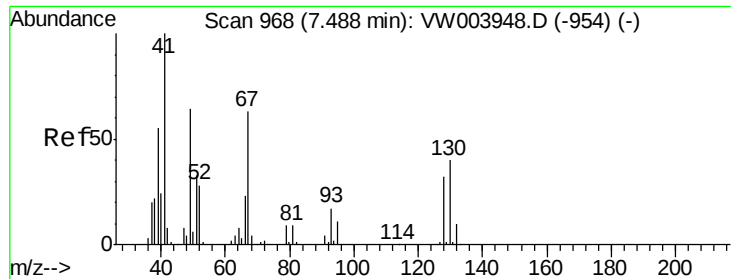
#40
Benzene
Concen: 54.12 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	654231		
77	23.3	19.5	29.3	



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





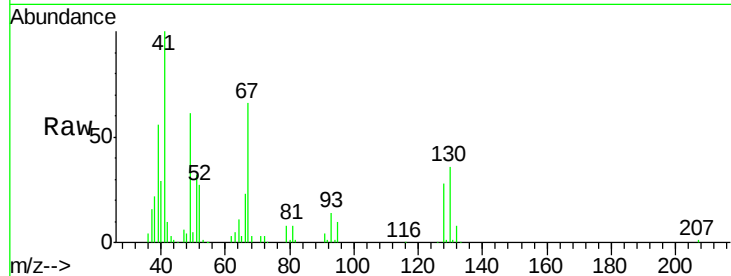
#41
Methacrylonitrile
Concen: 47.96 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

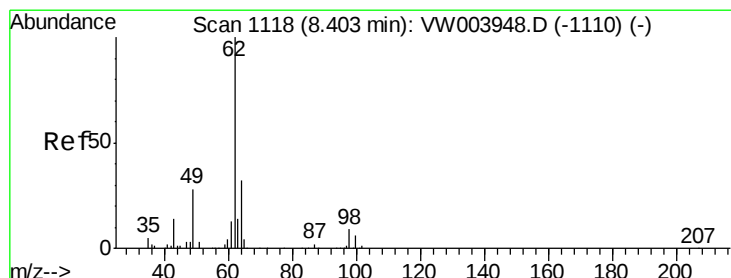
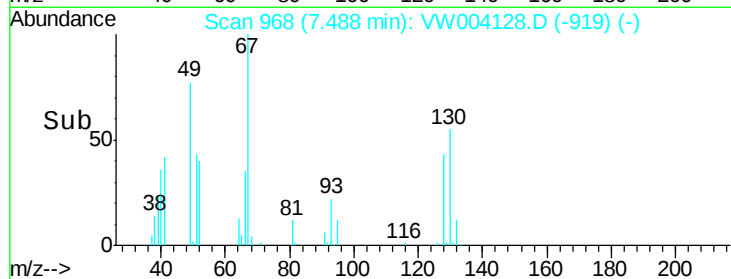
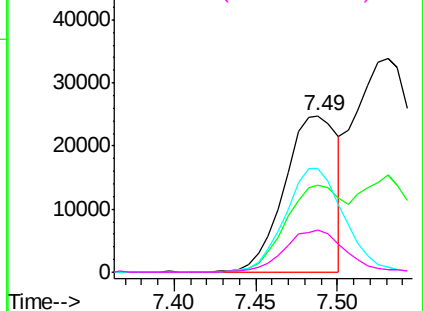
Tot Ion	41	Resp	55856
Ion Ratio	Lower	Upper	
41	100		
39	61.8	50.0	75.0
67	74.0	60.8	91.2
52	31.1	26.2	39.4

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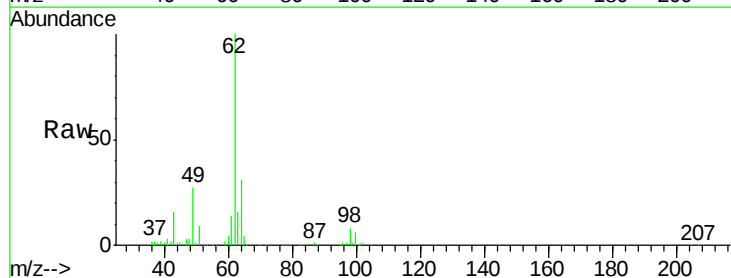


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

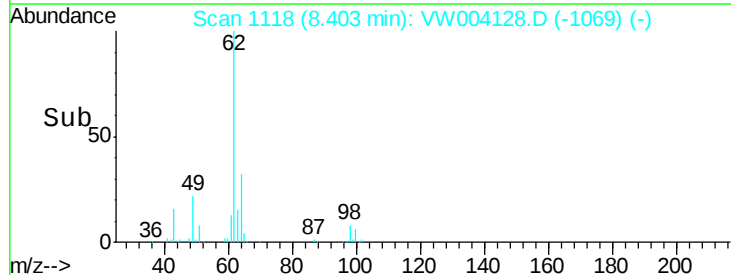
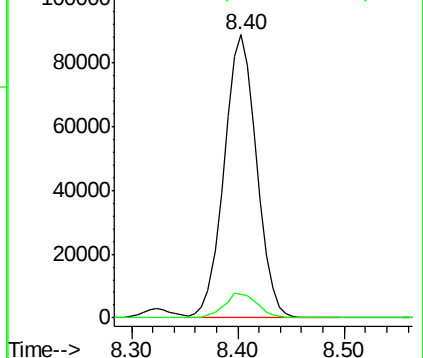


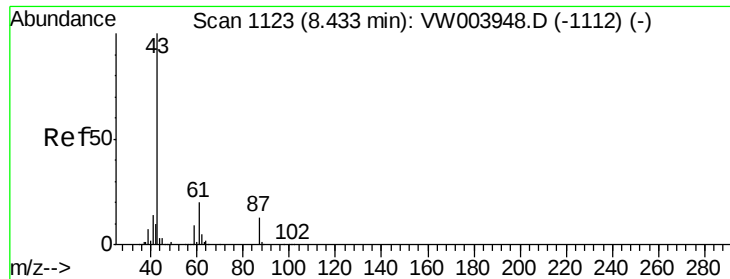
#42
1,2-Dichloroethane
Concen: 51.31 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	62	Resp	189221
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.4



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





#43

Isopropyl Acetate

Concen: 48.51 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

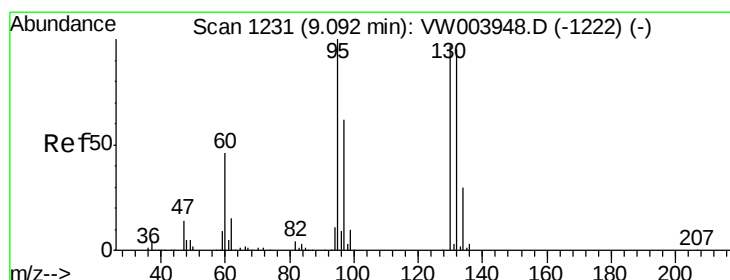
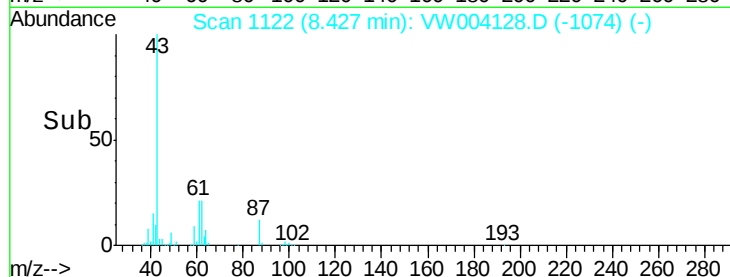
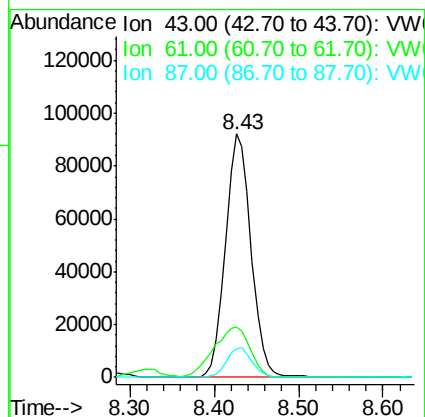
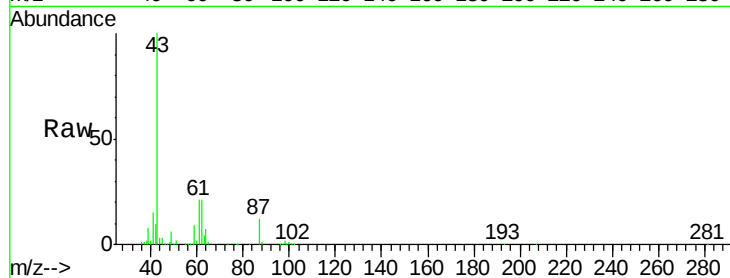
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	190679
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.0	34.6
87	12.1	9.9	14.9

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#44

Trichloroethene

Concen: 53.38 ug/l

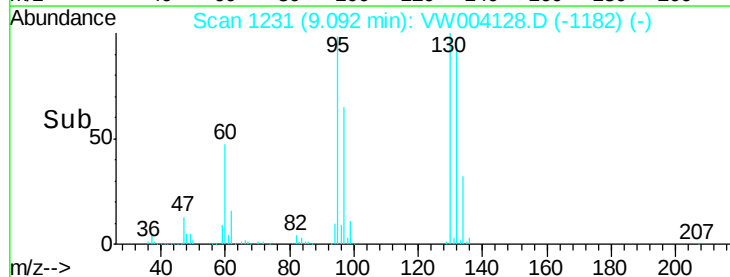
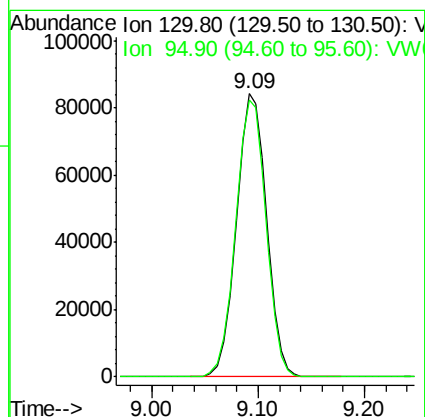
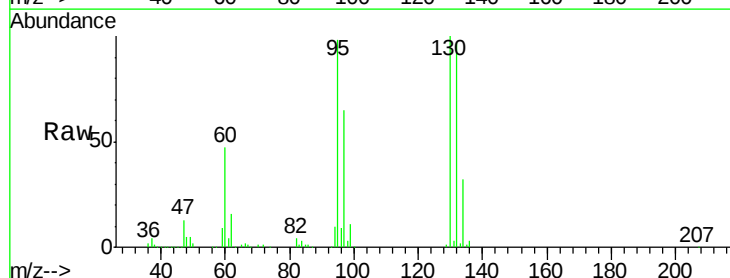
RT: 9.09 min Scan# 1231

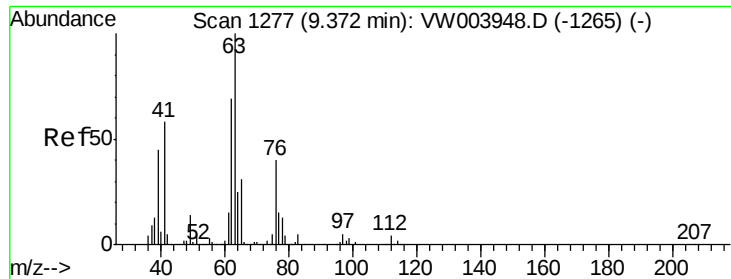
Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Tgt Ion:	130	Resp:	167256
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	206.8





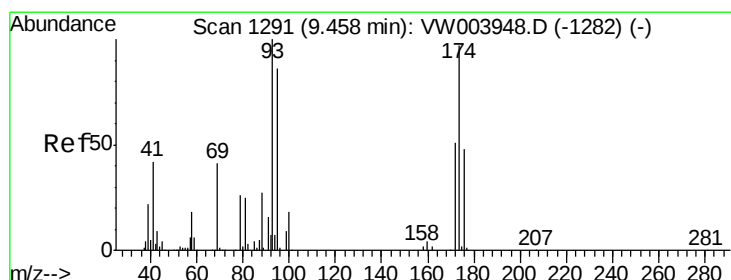
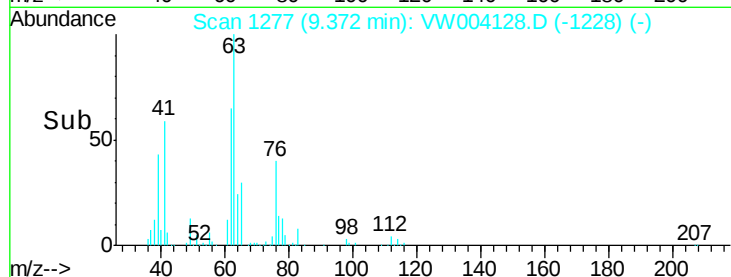
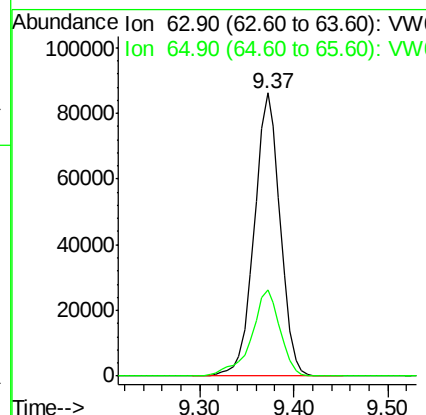
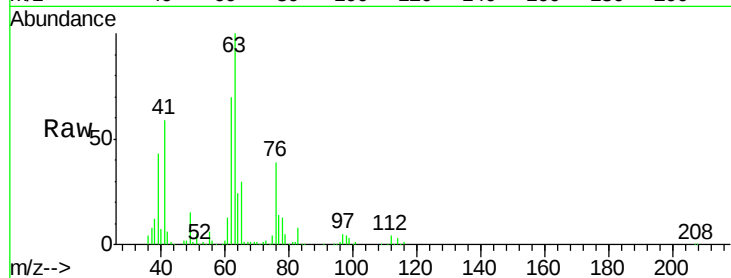
#45
 1,2-Dichloropropane
 Concen: 53.92 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.8	37.2

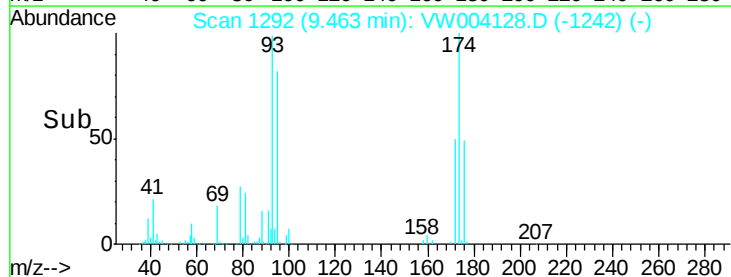
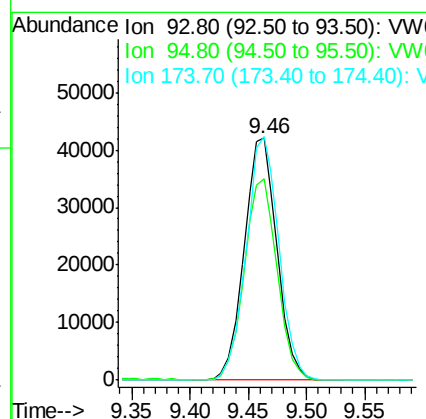
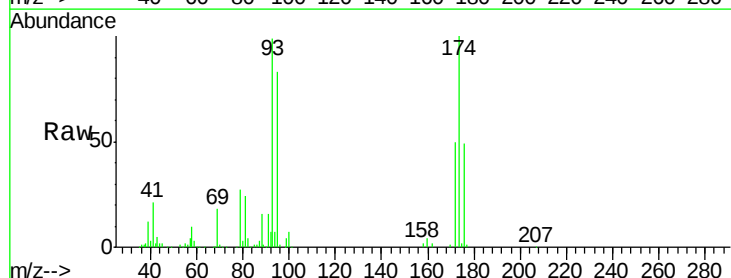
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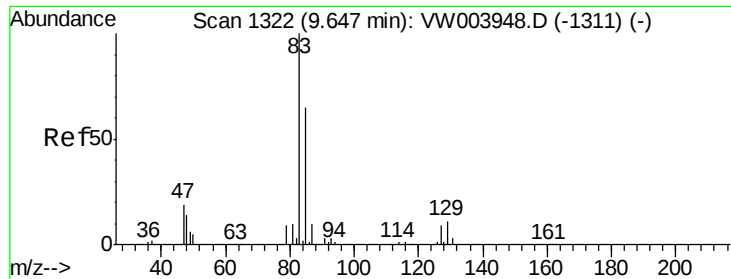
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#46
 Dibromomethane
 Concen: 51.39 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.9	100.3
174	100.3	80.2	120.2





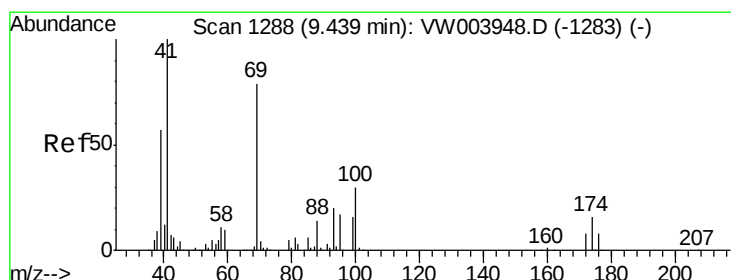
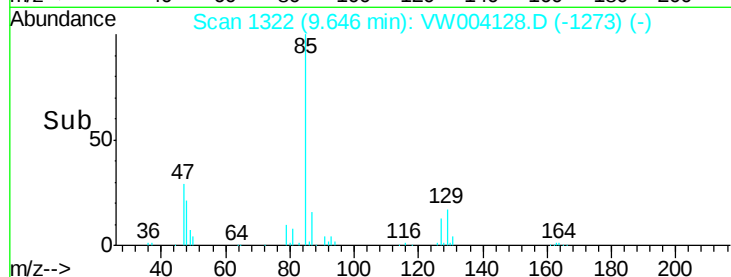
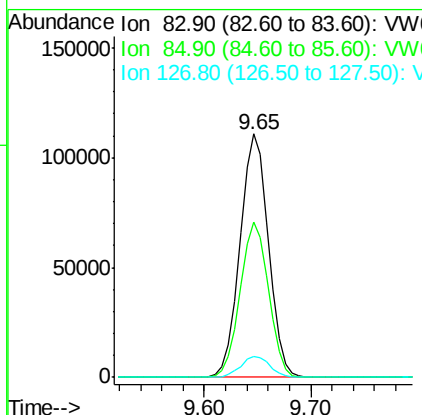
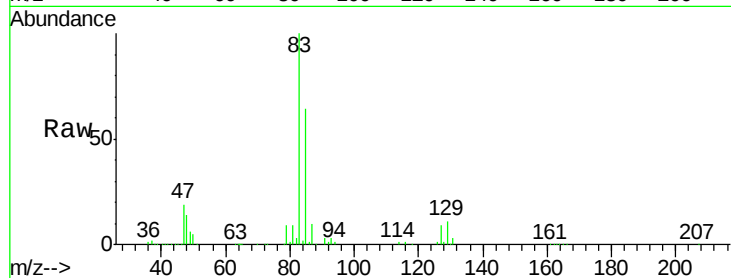
#47
Bromodichloromethane
Concen: 52.65 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	207801		
85	63.8		52.2	78.2
127	8.5		7.0	10.4

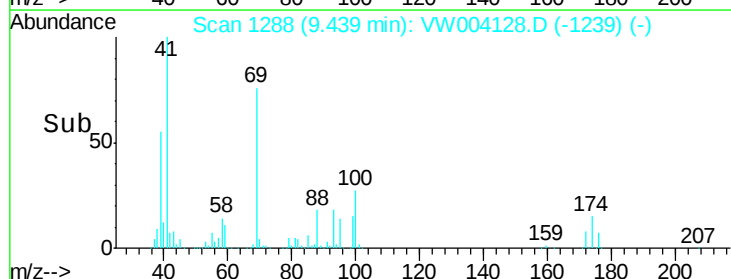
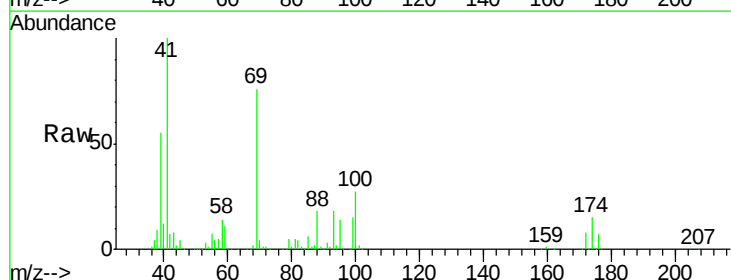
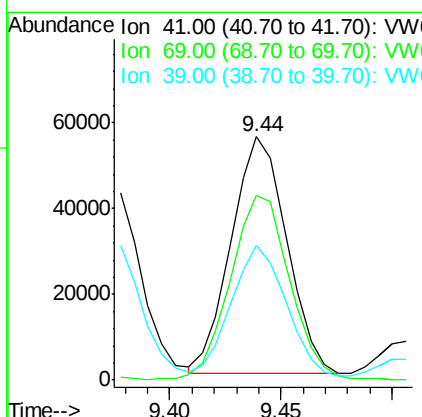
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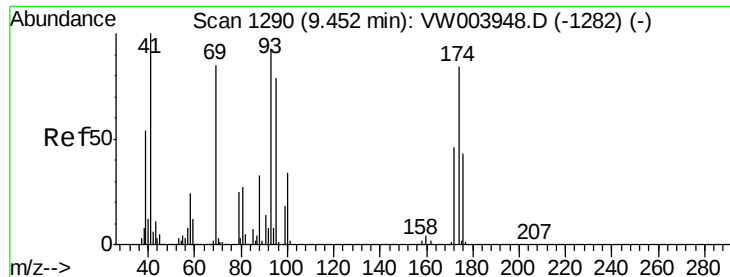
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#48
Methyl methacrylate
Concen: 50.24 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	95509		
69	84.3		67.0	100.6
39	54.1		48.8	73.2





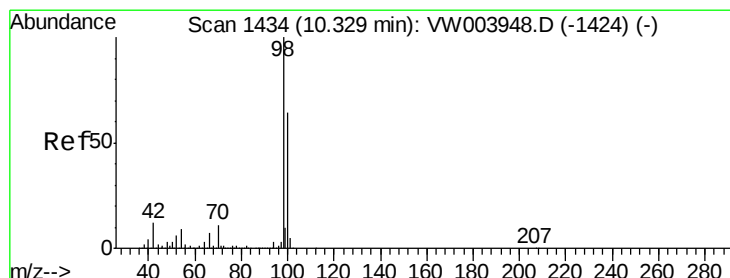
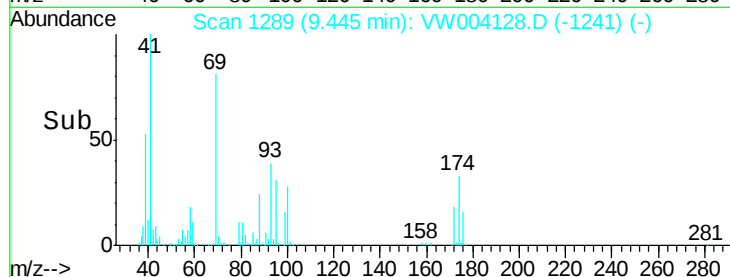
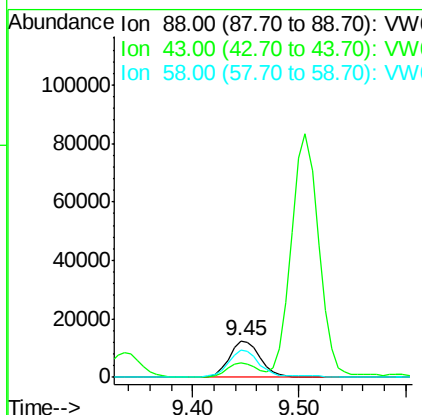
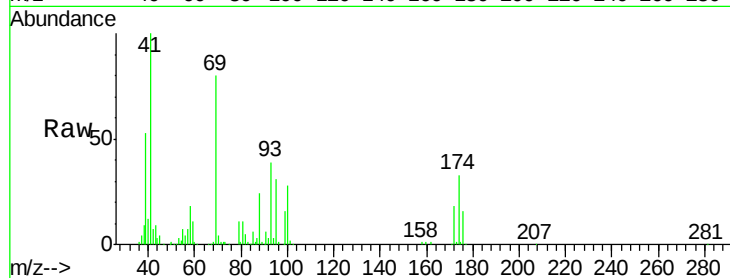
#49
1,4-Dioxane
Concen: 1060.74 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.3	40.9
58	73.4	61.1	91.7

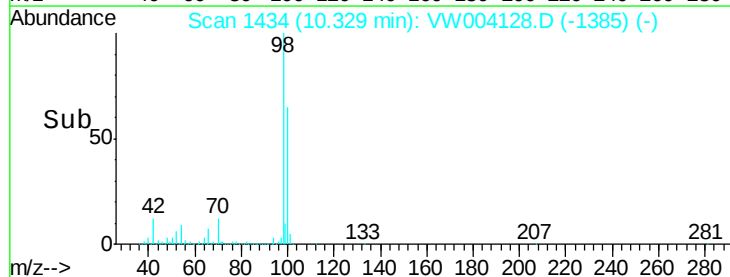
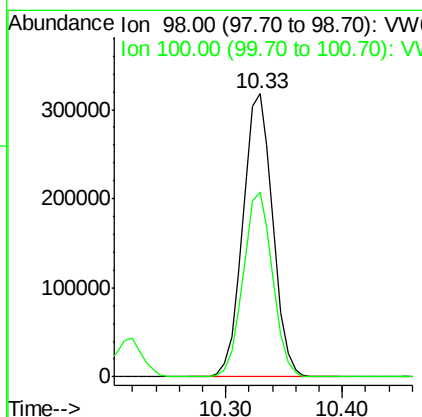
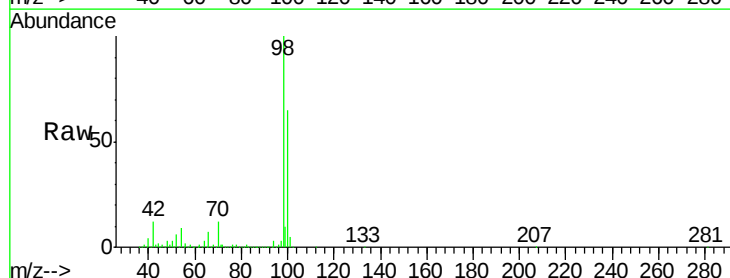
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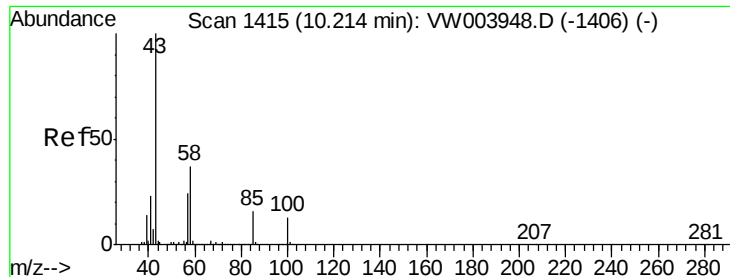
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#50
Toluene-d8
Concen: 53.64 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 249.53 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 522573

Ion Ratio Lower Upper

43 100

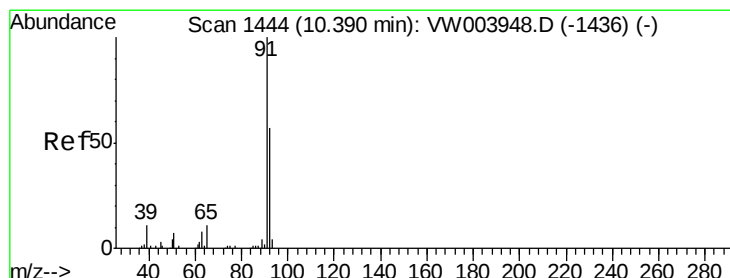
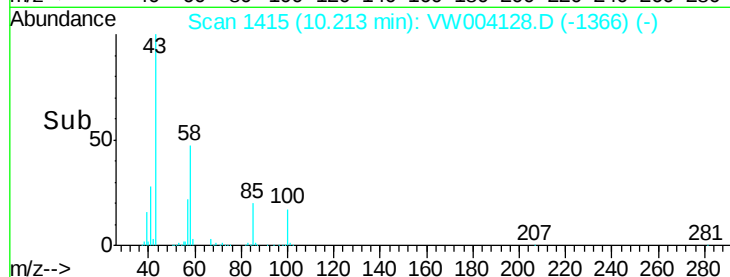
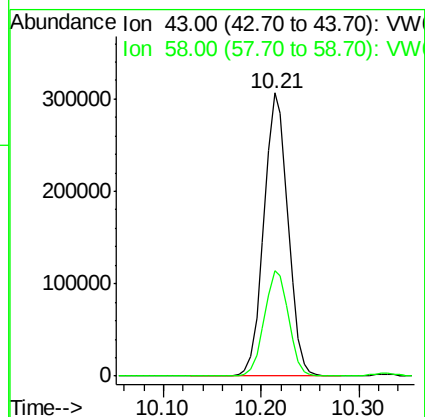
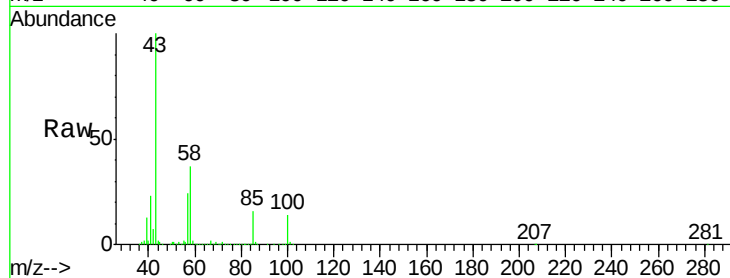
58 37.5 29.9 44.9

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#52

Toluene

Concen: 54.32 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004128.D

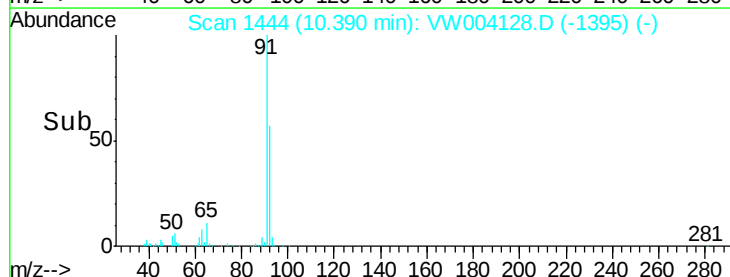
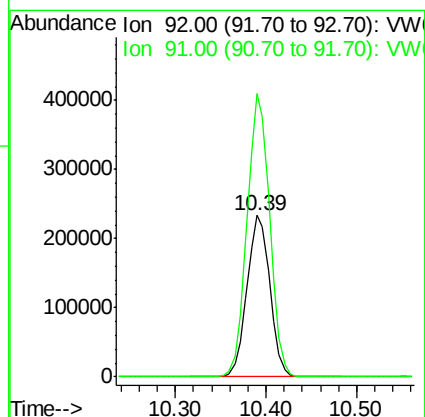
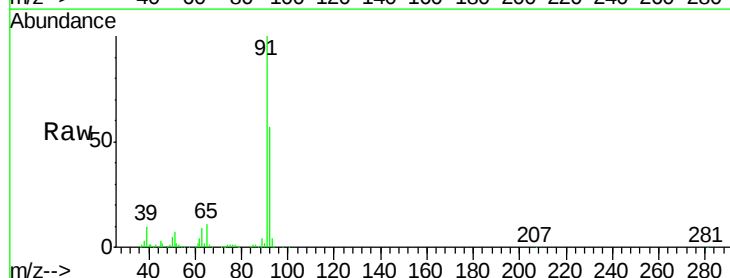
Acq: 23 Jul 2018 10:56

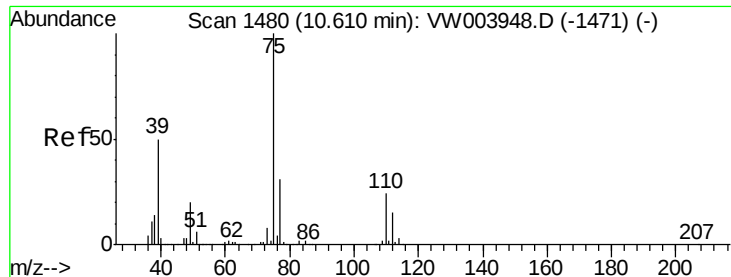
Tgt Ion: 92 Resp: 406077

Ion Ratio Lower Upper

92 100

91 174.0 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 52.47 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 216574

Ion Ratio Lower Upper

75 100

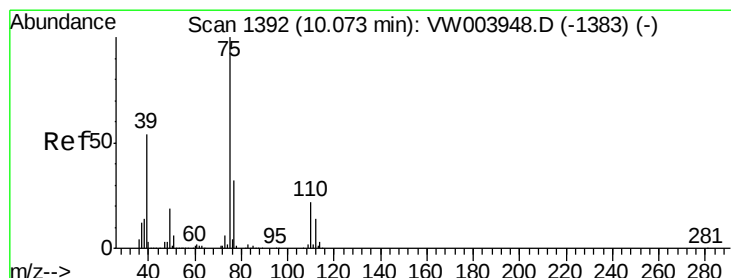
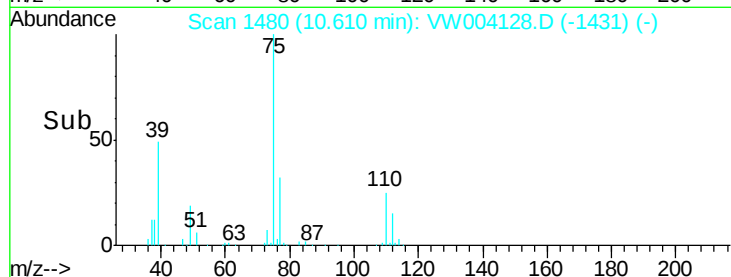
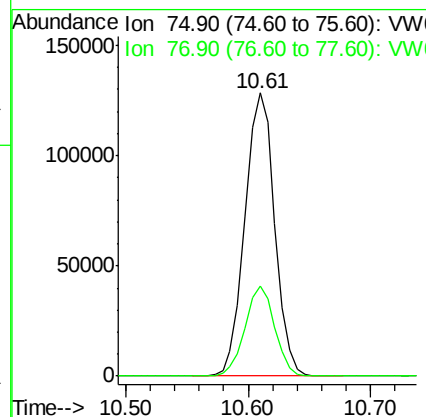
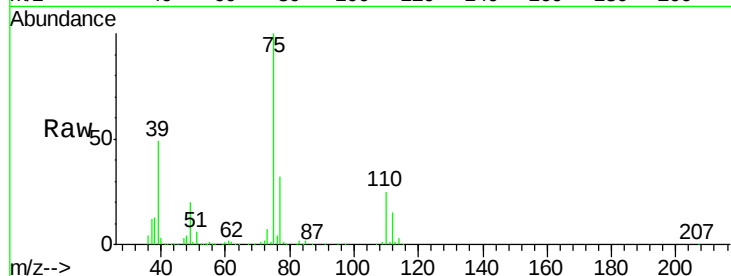
77 31.9 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 52.76 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

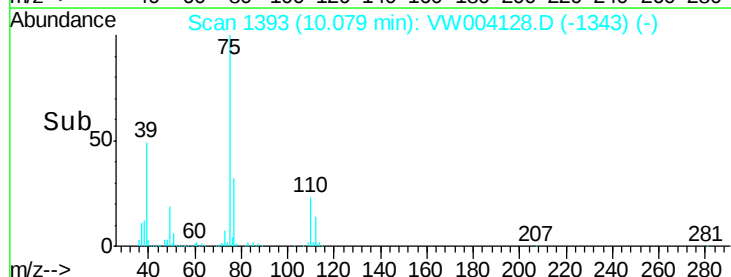
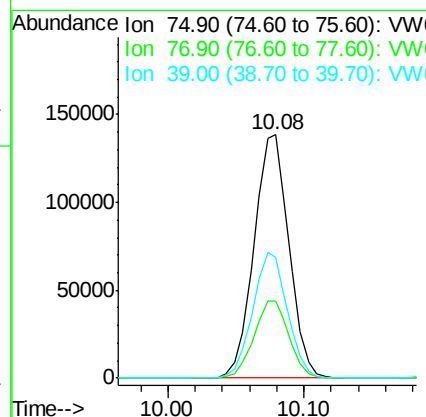
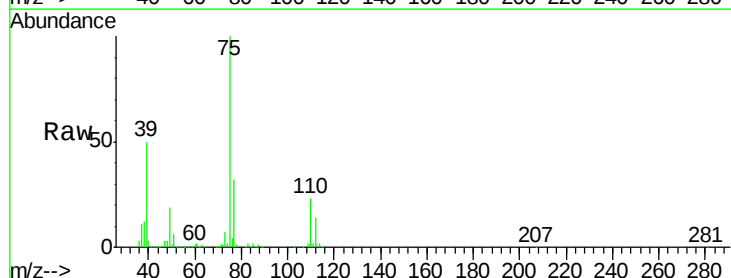
Tgt Ion: 75 Resp: 249097

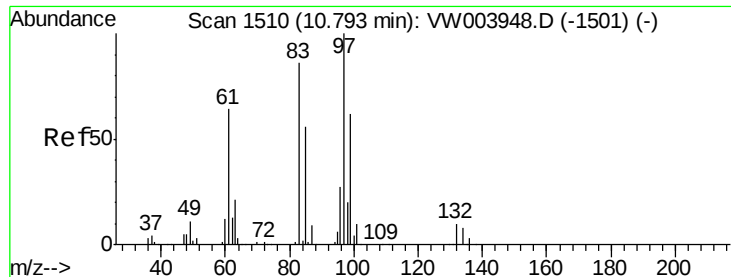
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 49.5 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 51.91 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

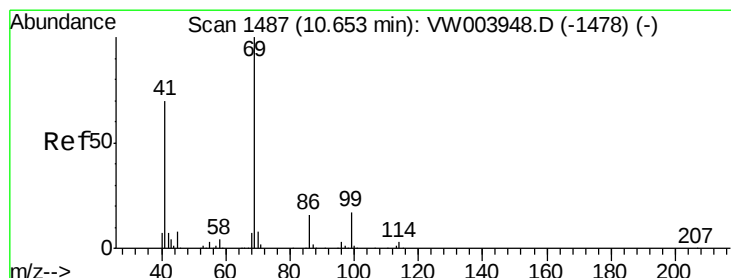
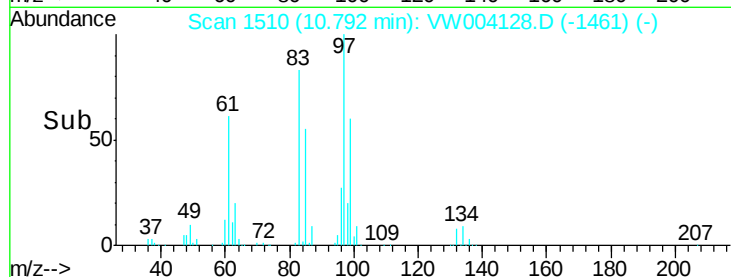
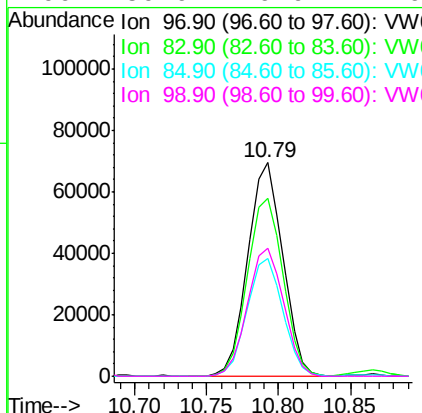
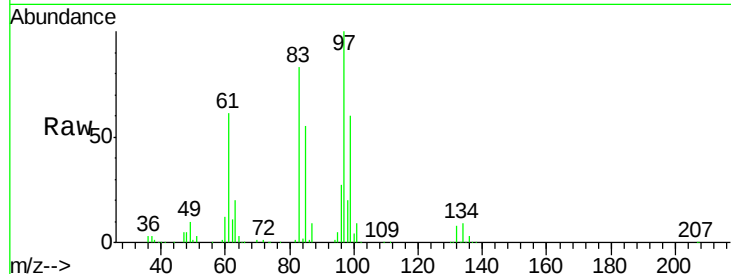
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	116883
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.0	103.4
85	55.0	45.0	67.6
99	59.9	49.9	74.9

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#56

Ethyl methacrylate

Concen: 46.65 ug/l

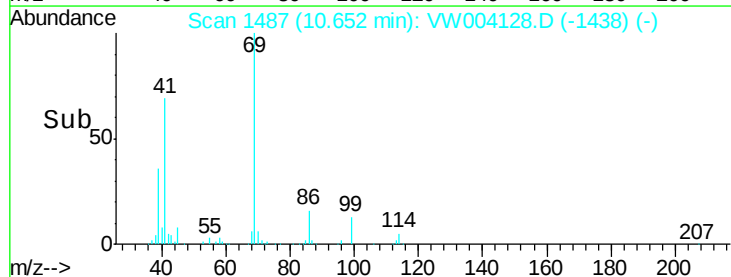
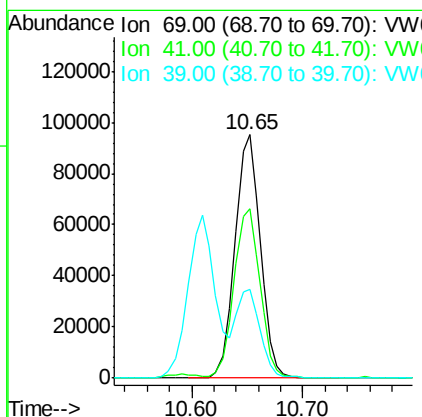
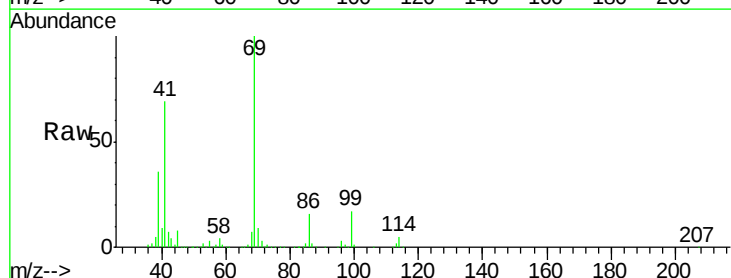
RT: 10.65 min Scan# 1487

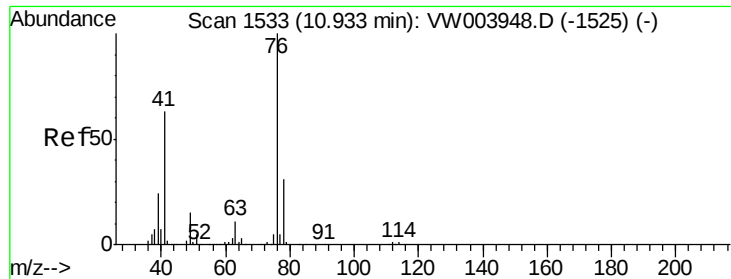
Delta R.T. 0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Tgt Ion:	69	Resp:	149572
Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.5	84.7
39	33.9	30.2	45.4





#57

1,3-Dichloropropane

Concen: 51.91 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 203088

Ion Ratio Lower Upper

76 100

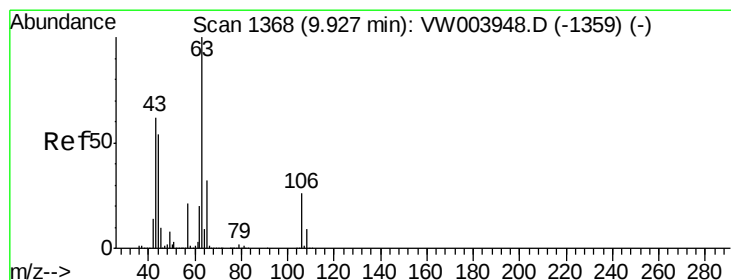
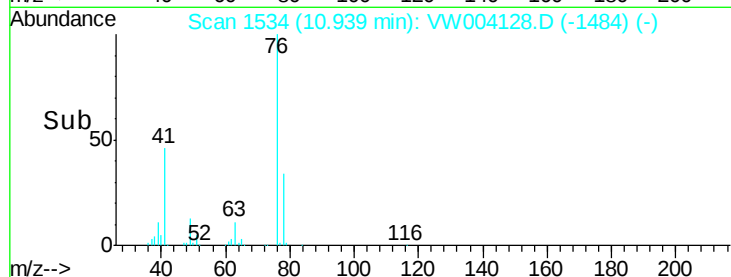
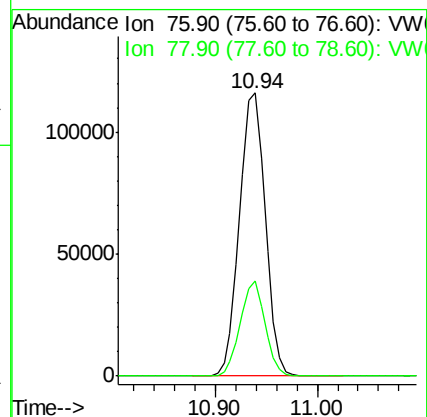
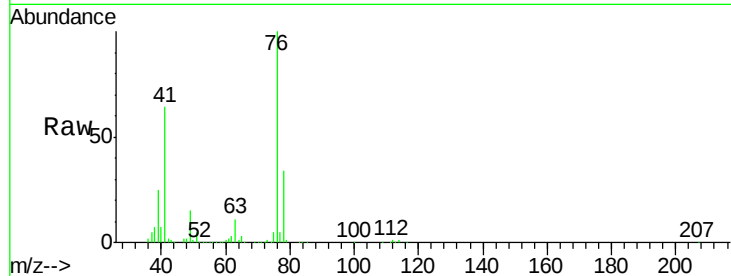
78 32.2 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 254.18 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004128.D

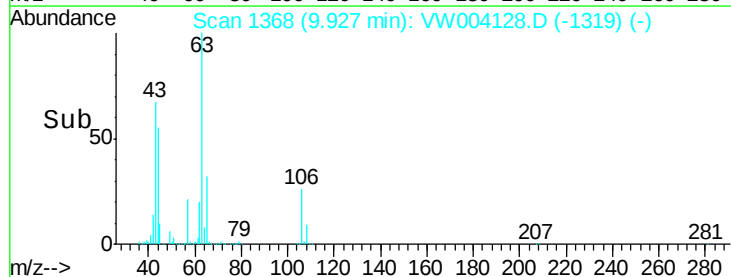
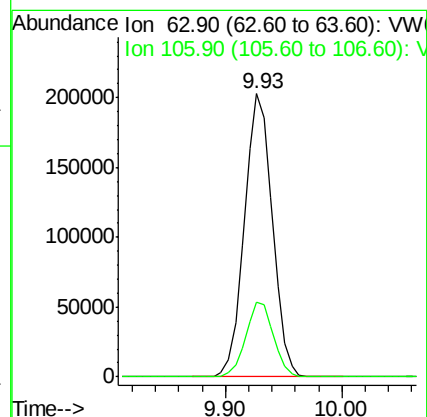
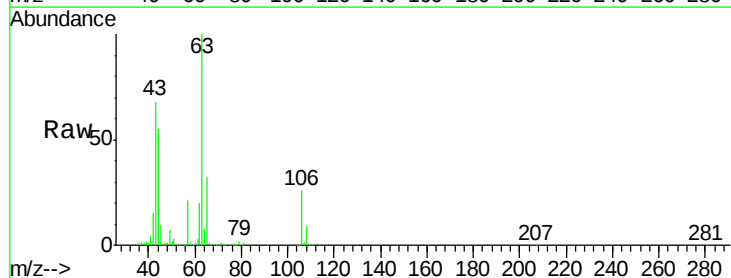
Acq: 23 Jul 2018 10:56

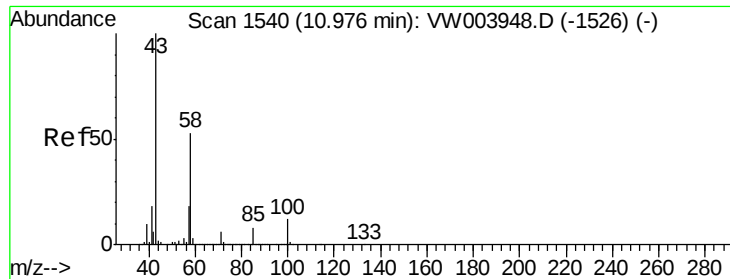
Tgt Ion: 63 Resp: 339542

Ion Ratio Lower Upper

63 100

106 26.2 21.2 31.8





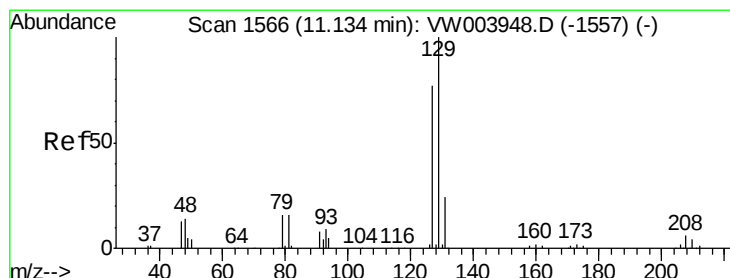
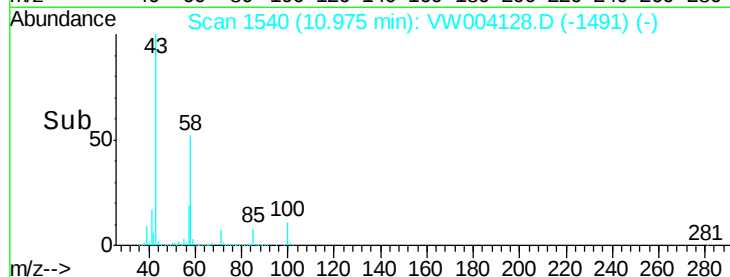
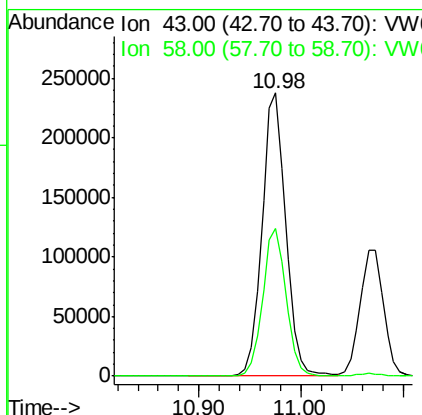
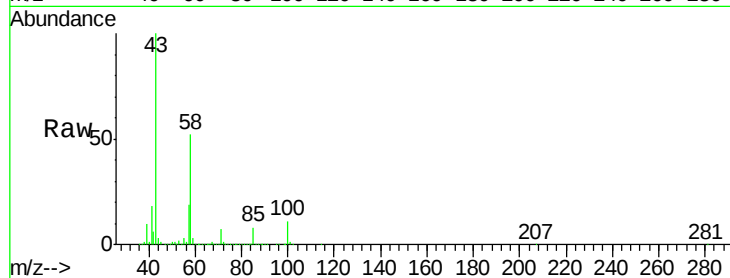
#59
2-Hexanone
Concen: 261.10 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 385393
Ion Ratio Lower Upper
43 100
58 51.3 26.0 78.0

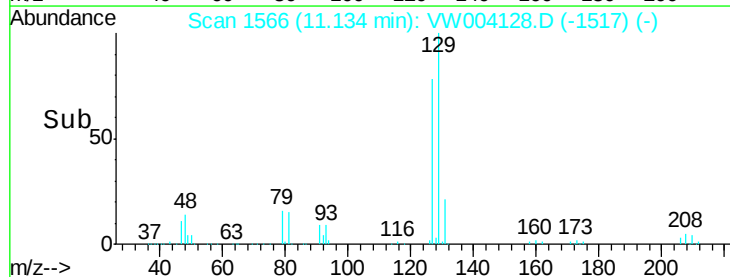
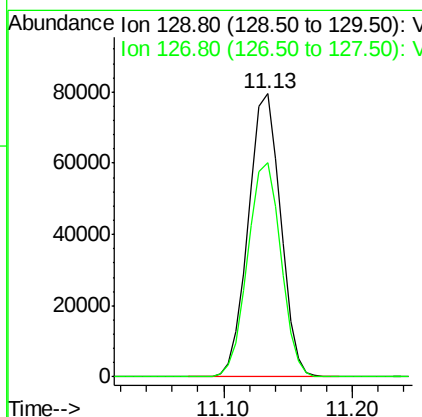
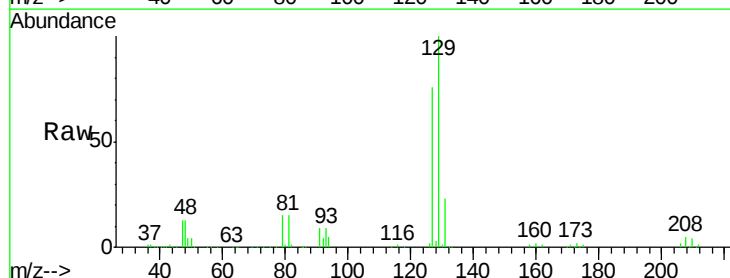
Manual Integrations
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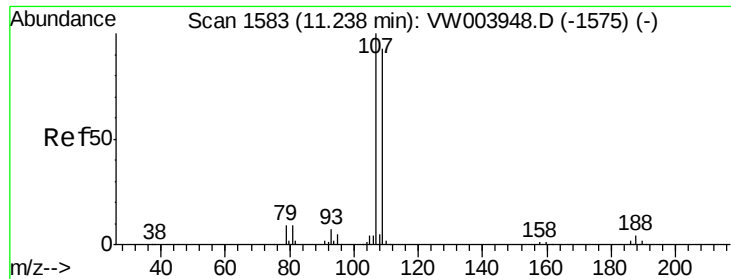
apatel
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#60
Dibromochloromethane
Concen: 52.54 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion: 129 Resp: 137764
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





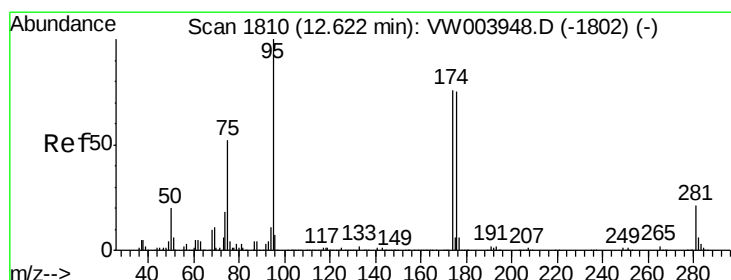
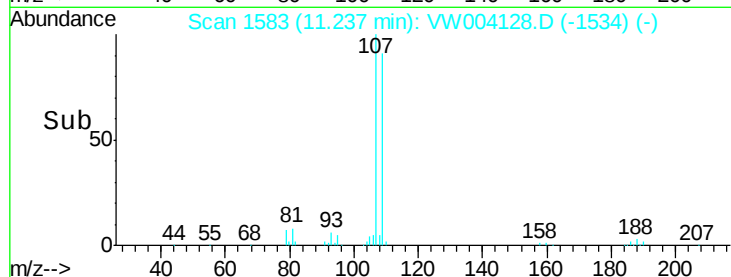
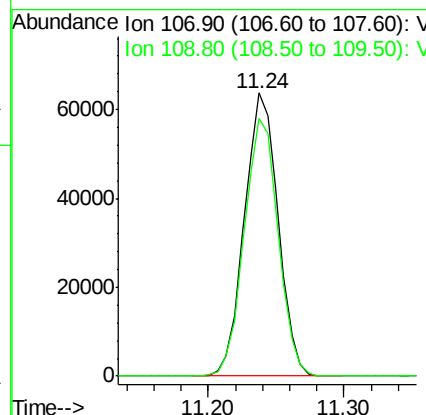
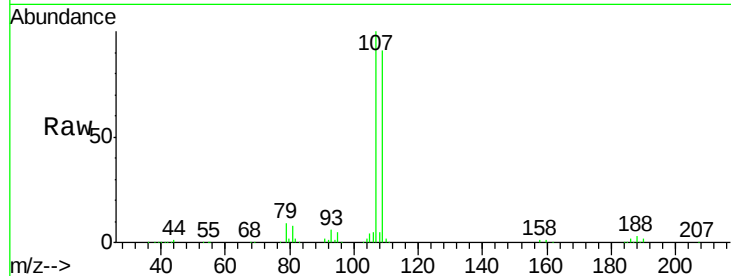
#61
 1,2-Dibromoethane
 Concen: 51.52 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.2	74.3	111.5

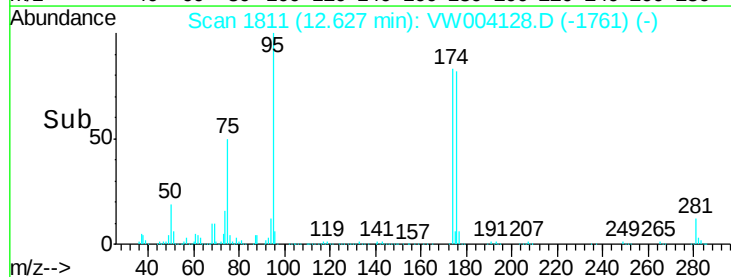
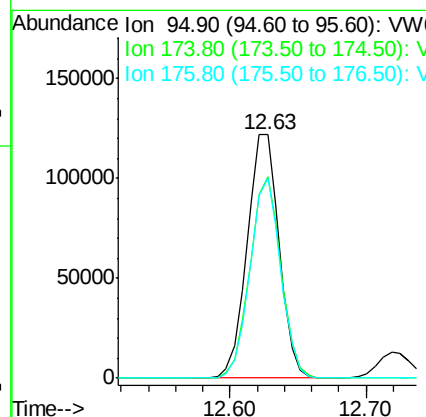
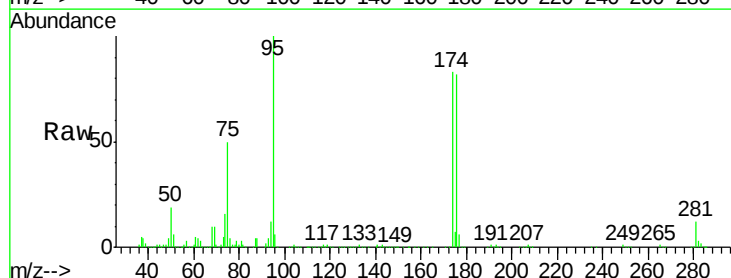
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 52.94 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	160.2
176	78.4	0.0	155.8





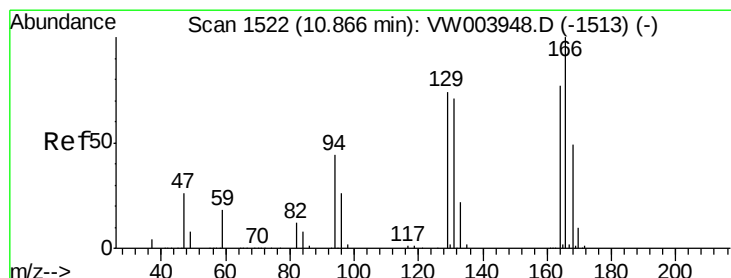
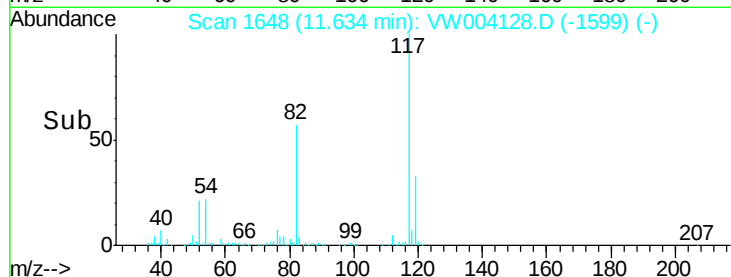
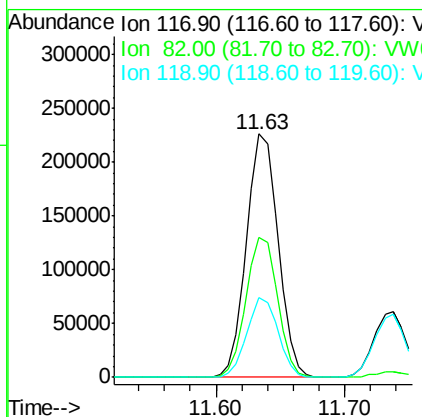
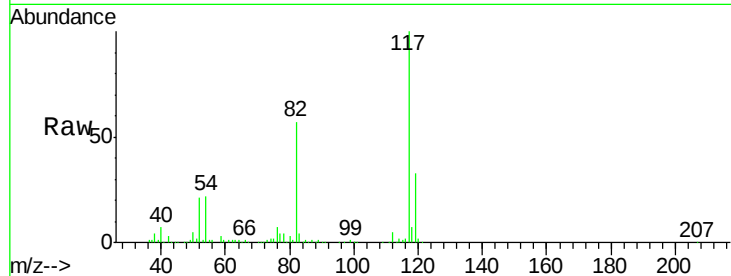
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.5	69.7
119	32.6	26.2	39.2

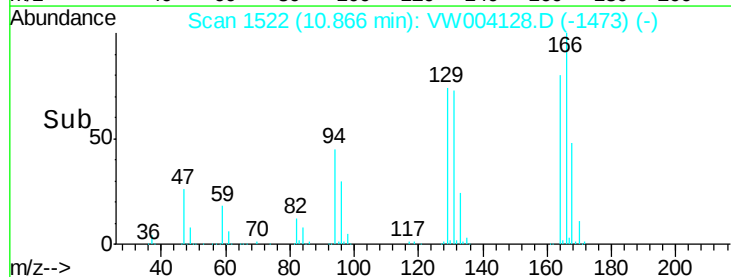
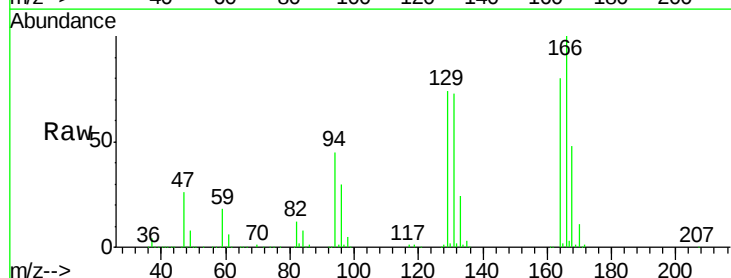
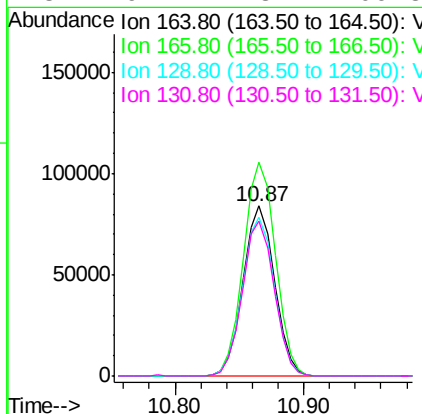
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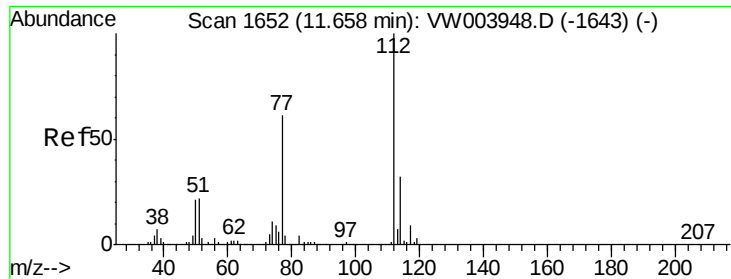
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#64
Tetrachloroethene
Concen: 53.81 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	103.5	155.3
129	93.0	76.8	115.2
131	91.1	73.2	109.8





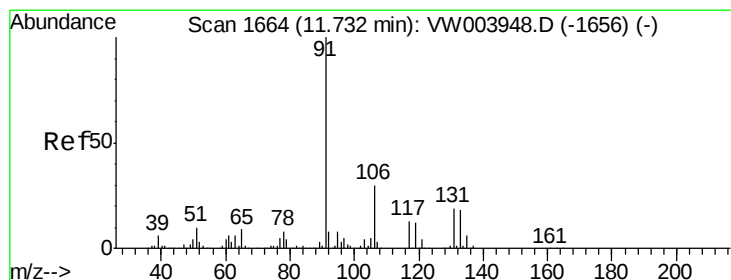
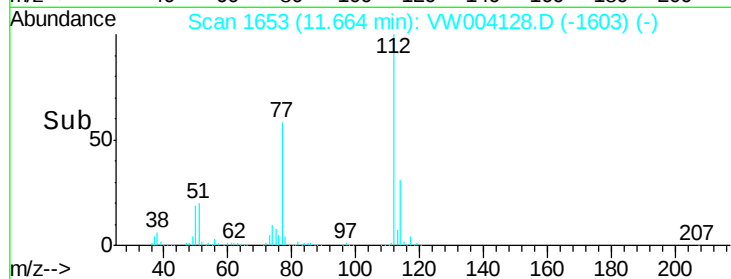
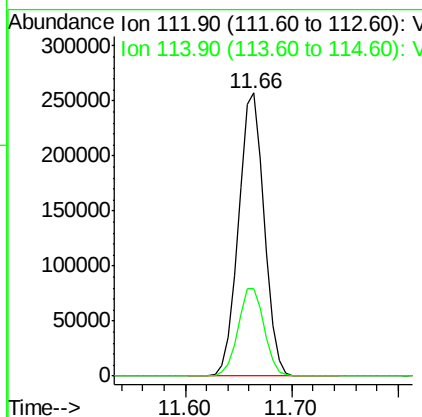
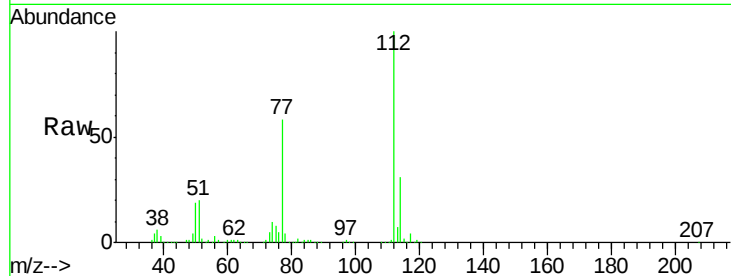
#65
Chlorobenzene
Concen: 53.26 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 434346
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8

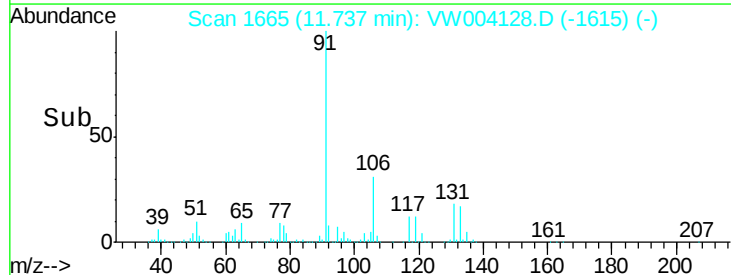
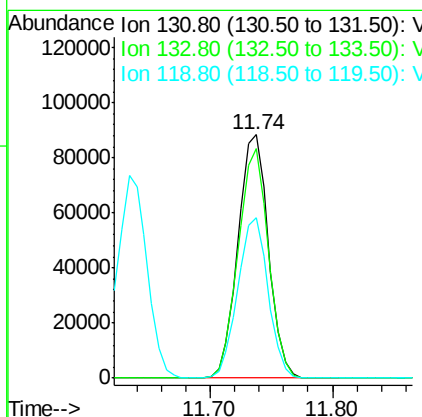
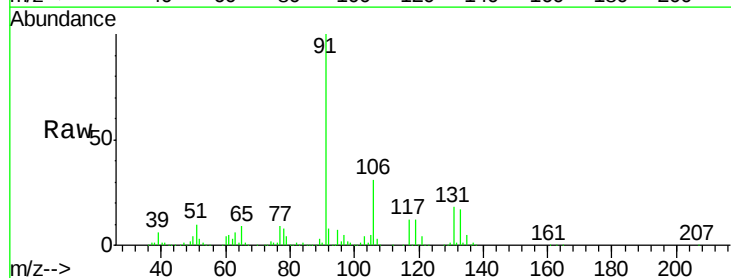
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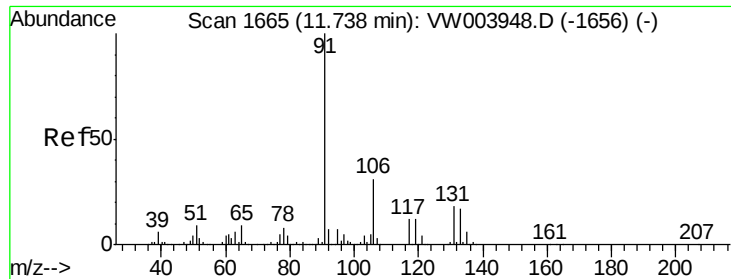
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.67 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion:131 Resp: 152107
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.8
119 65.7 32.5 97.5





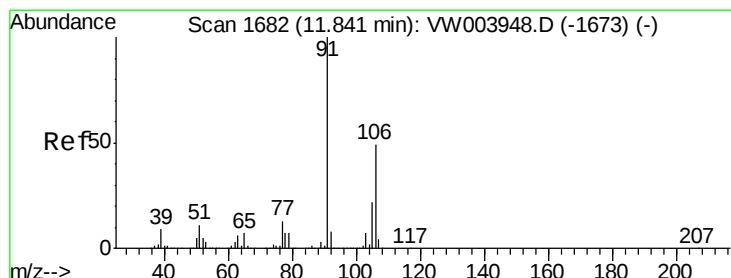
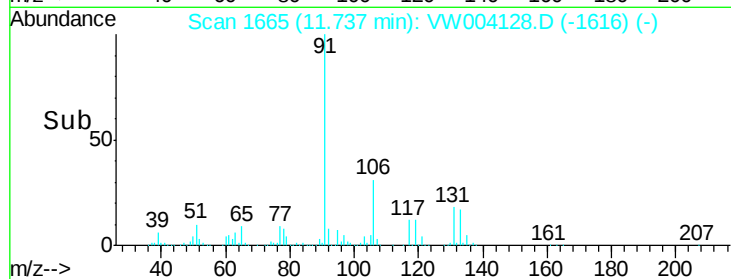
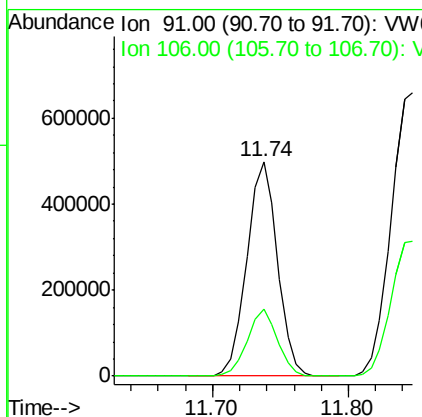
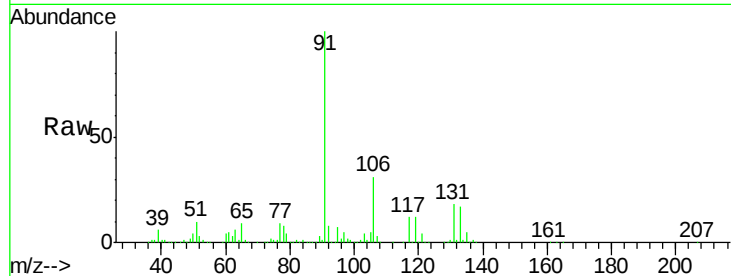
#67
Ethyl Benzene
Concen: 54.87 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 786088
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

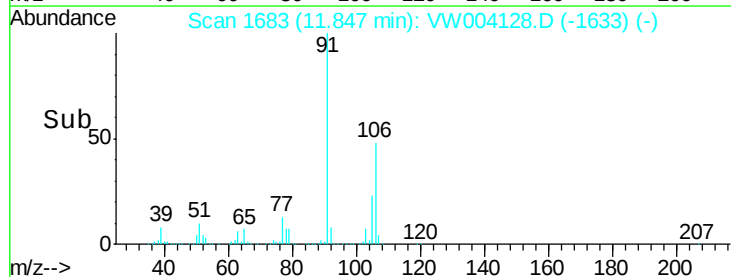
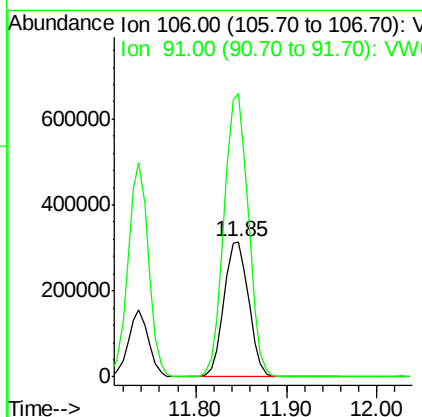
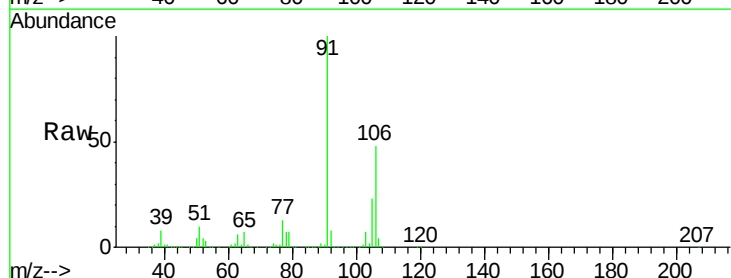
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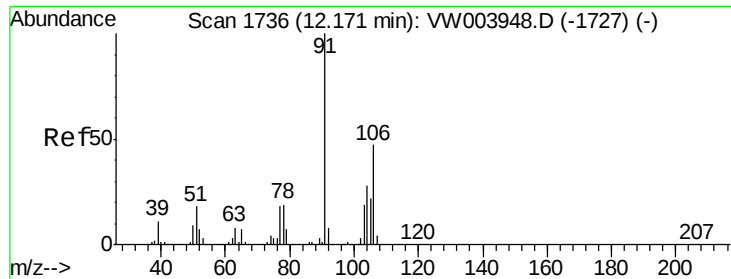
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#68
m/p-Xylenes
Concen: 108.99 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion: 106 Resp: 596795
Ion Ratio Lower Upper
106 100
91 205.9 164.2 246.2





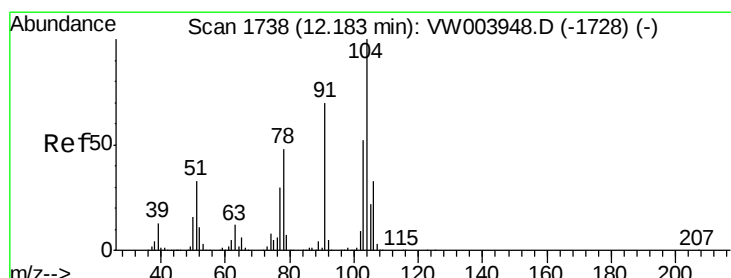
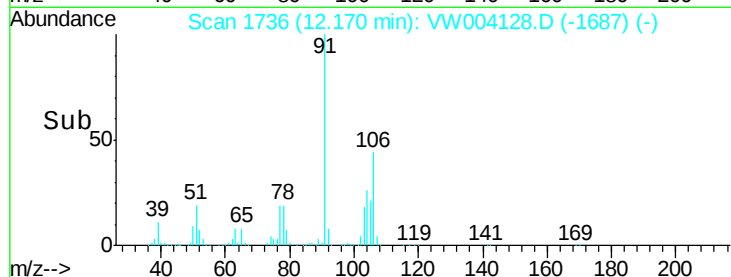
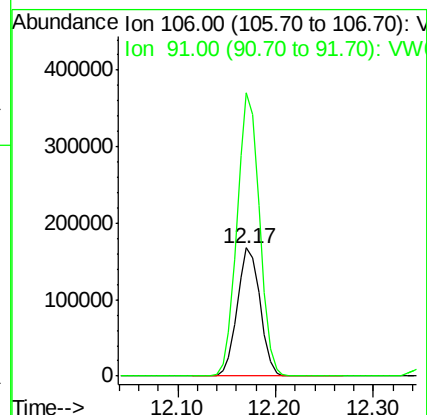
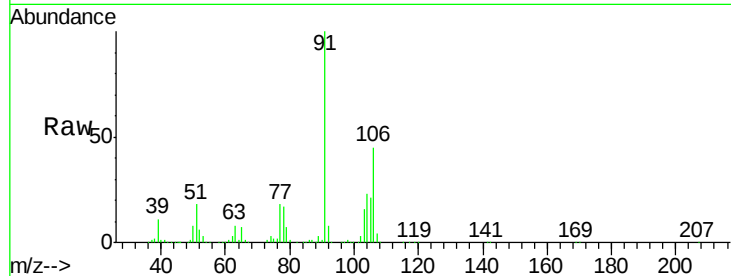
#69
o-Xylene
Concen: 53.58 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		272151		
91	216.5	107.5	322.6		

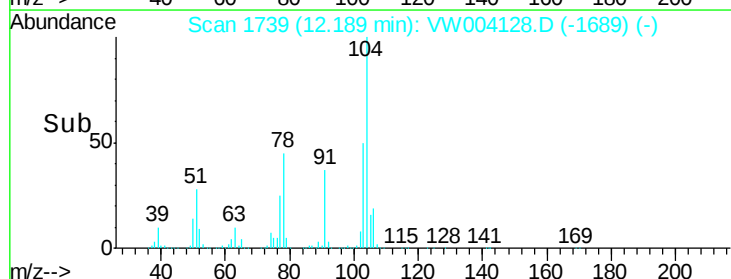
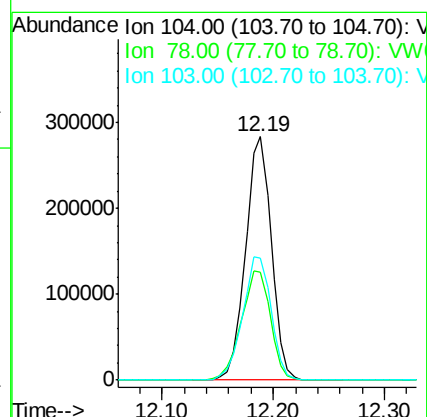
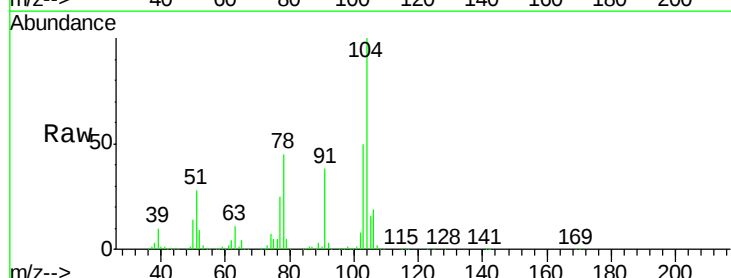
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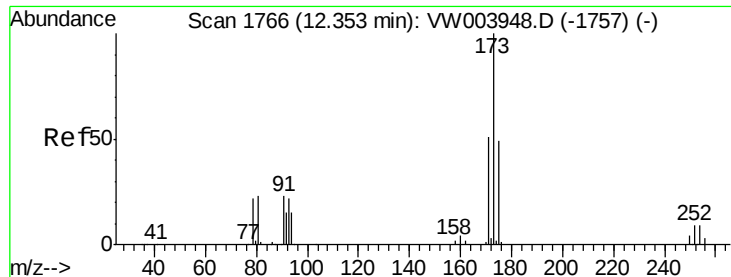
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#70
Styrene
Concen: 53.69 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		455525		
78	50.7	41.0	61.4		
103	55.8	44.6	67.0		





#71

Bromoform

Concen: 52.01 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 83214

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

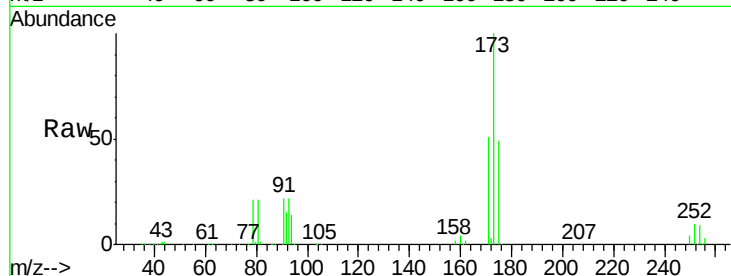
254 0.0 0.1 0.1#

Manual Integrations

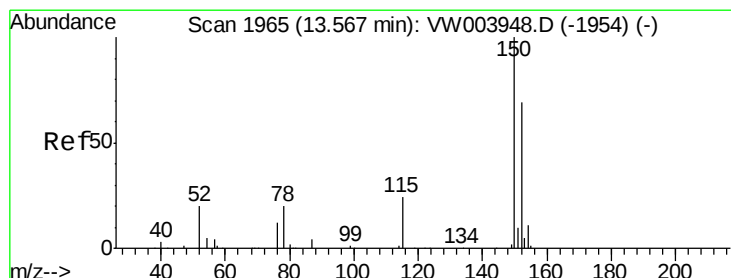
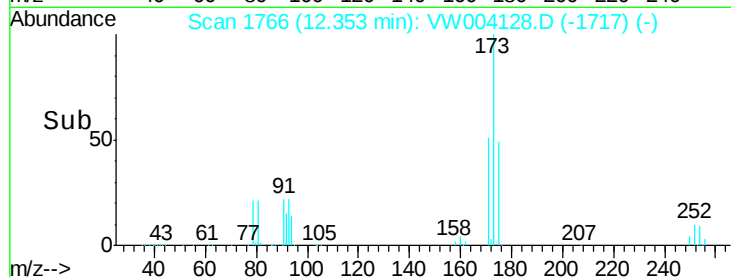
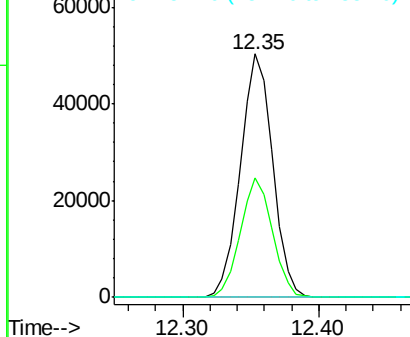
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

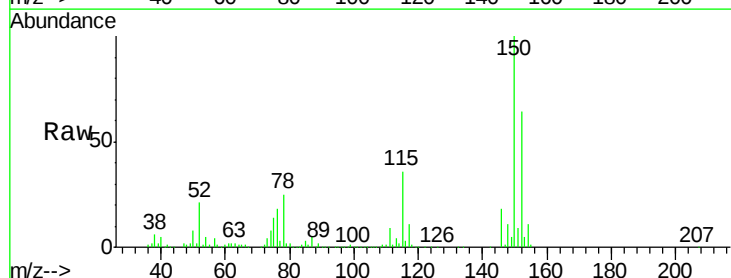
Tgt Ion:152 Resp: 201973

Ion Ratio Lower Upper

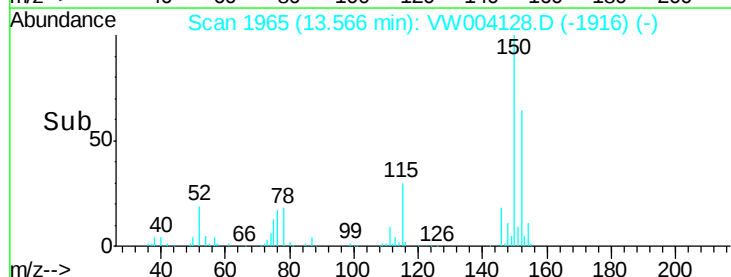
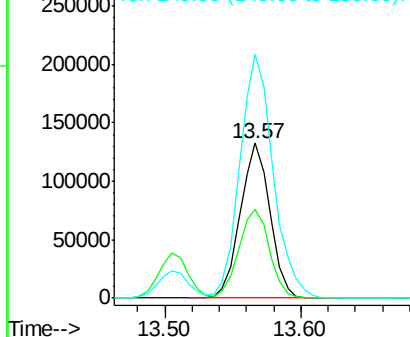
152 100

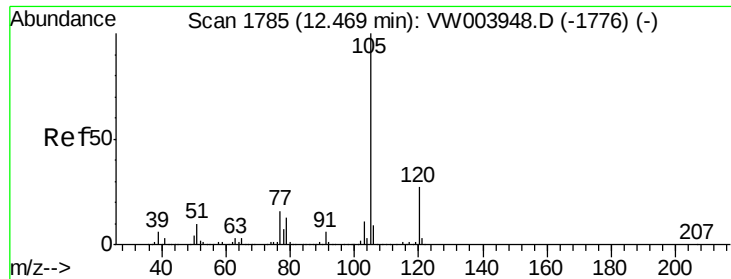
115 58.8 29.2 87.6

150 176.4 0.0 345.2



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





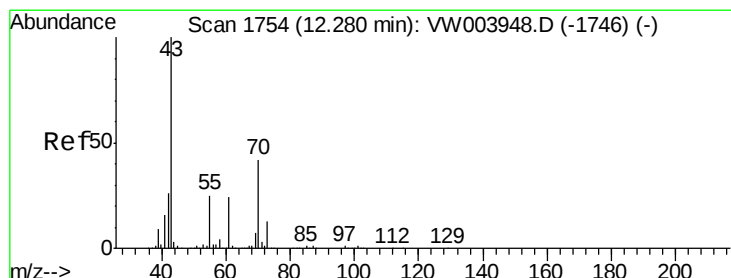
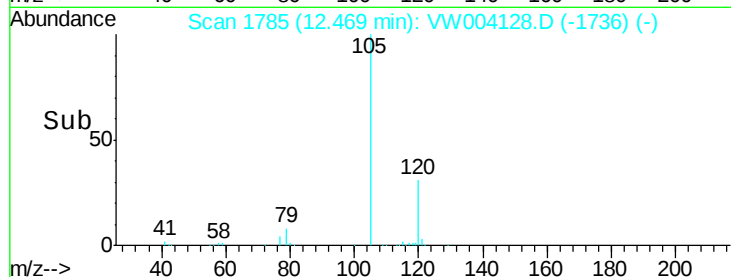
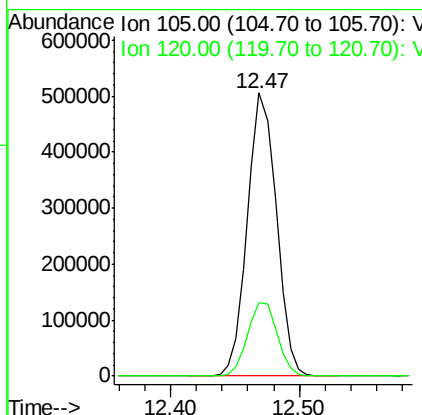
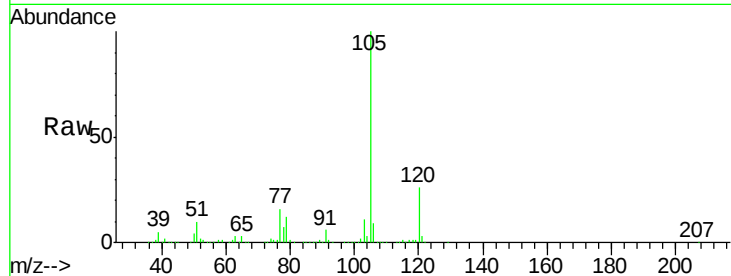
#73
Isopropylbenzene
Concen: 54.99 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.6

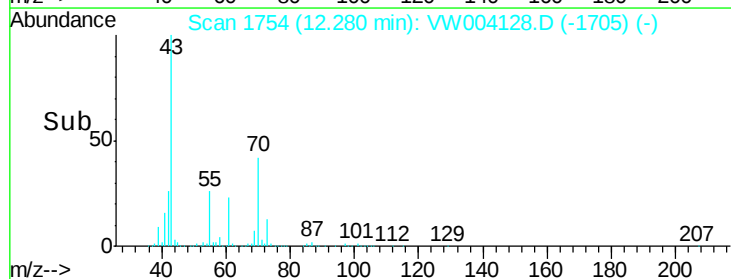
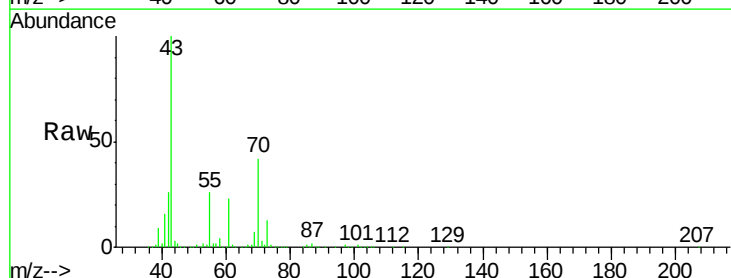
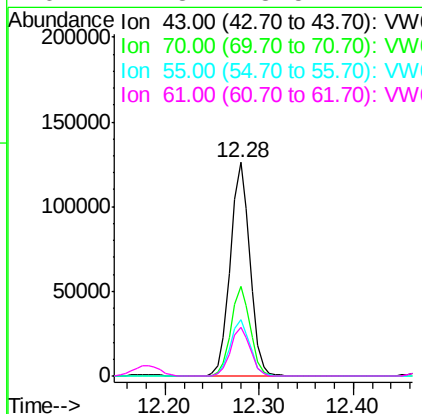
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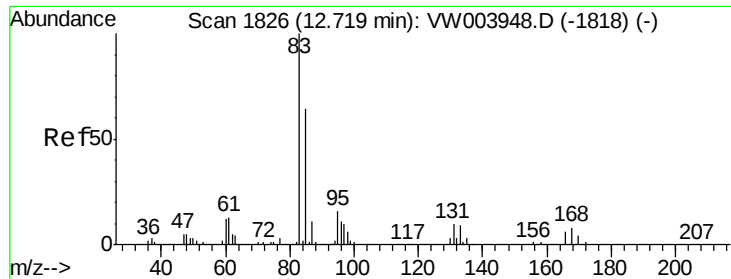
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#74
N-ethyl acetate
Concen: 48.98 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.0	31.6	47.4
55	26.9	20.0	30.0
61	22.8	18.5	27.7





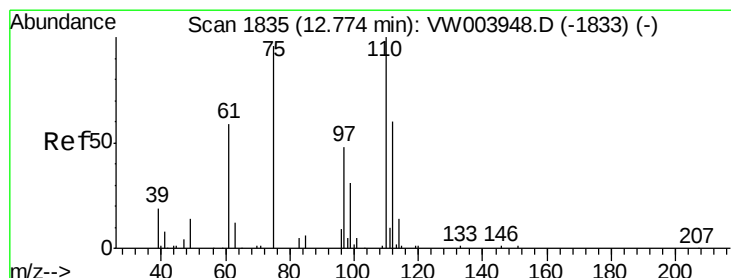
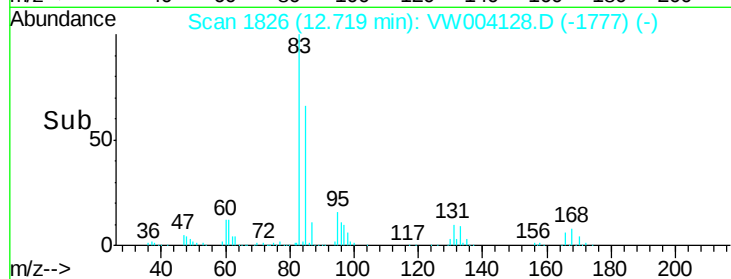
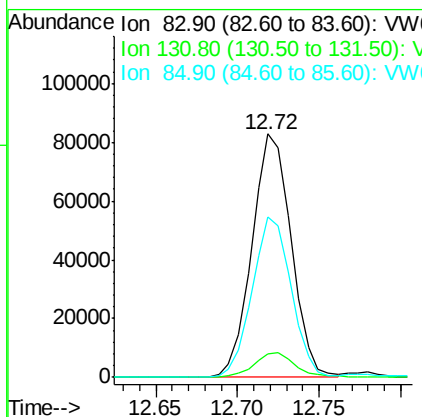
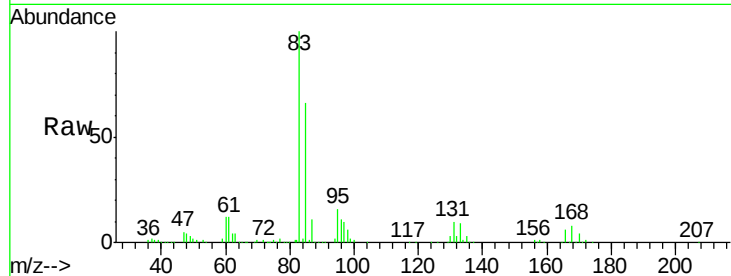
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.10 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	138267
Ion Ratio	100	Lower	Upper
83	100		
131	10.6	5.3	15.8
85	65.4	32.2	96.6

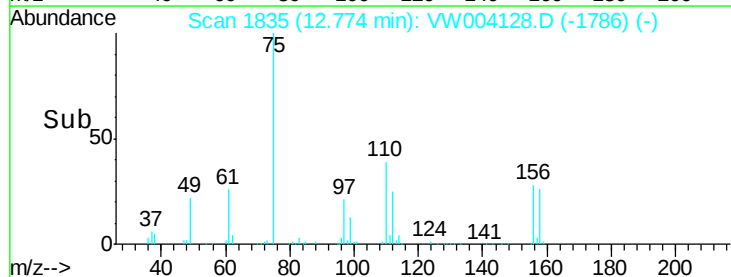
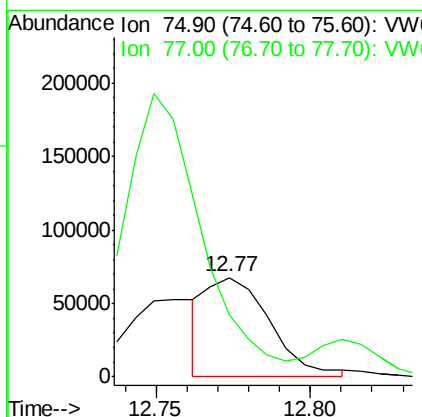
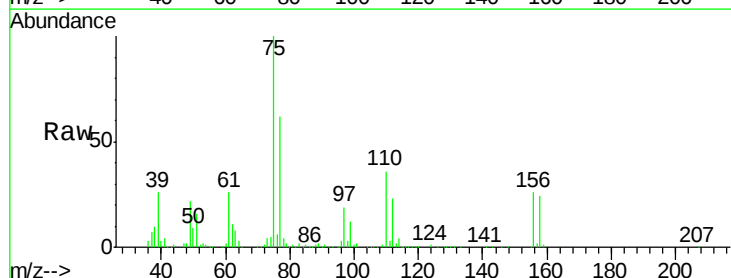
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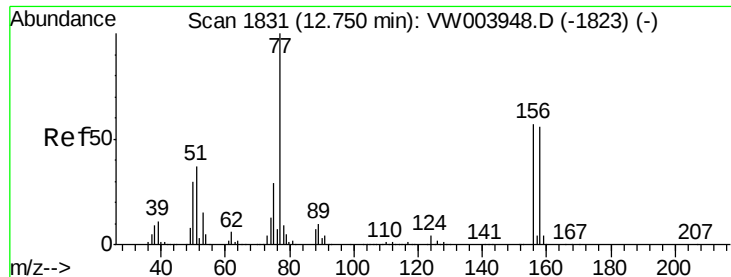
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#76
 1,2,3-Trichloropropane
 Concen: 48.92 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	75	Resp	98090
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.87 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

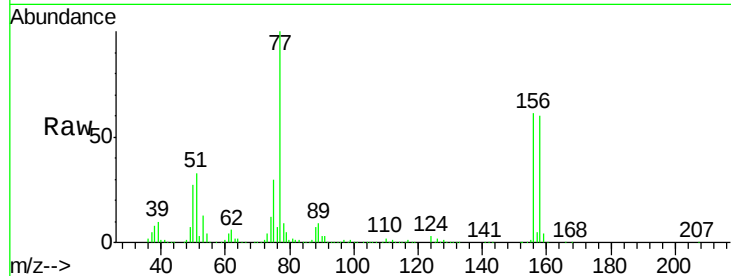
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.6	96.2	288.6
158	97.7	48.5	145.5

Manual Integrations
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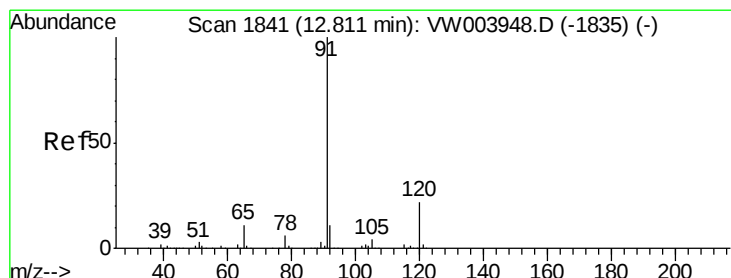
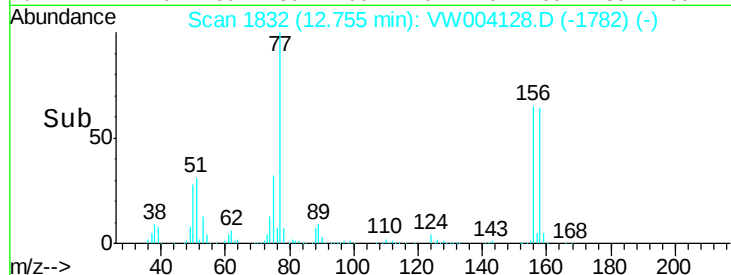
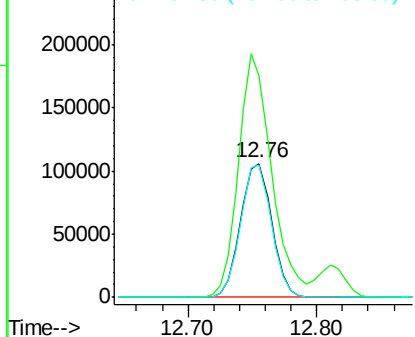


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.25 ug/l

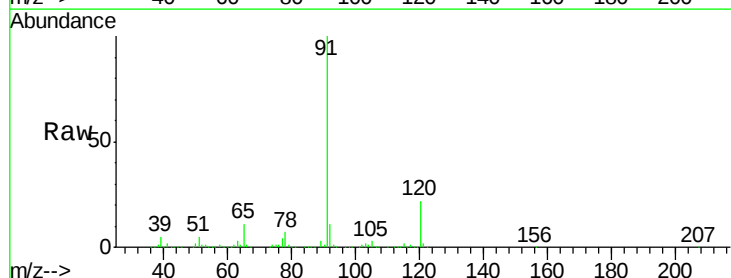
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

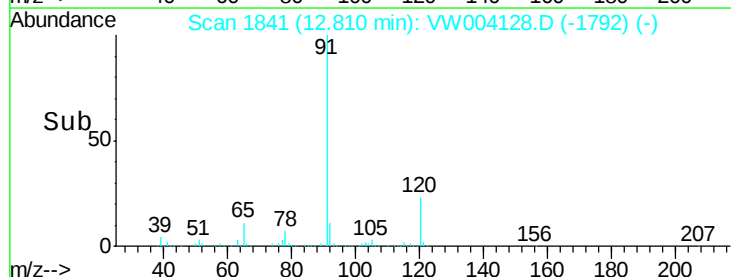
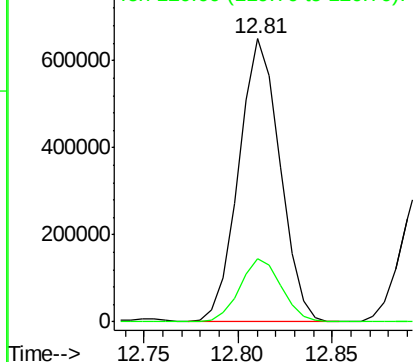
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.6

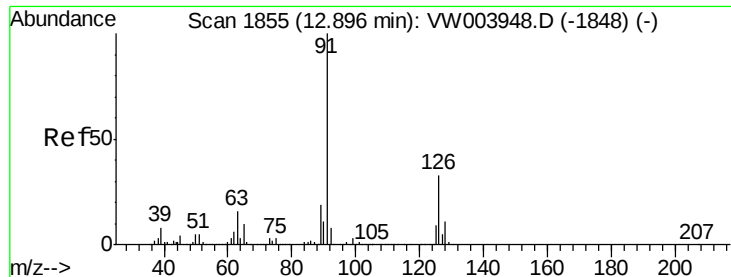


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.57 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 538906

Ion Ratio Lower Upper

91 100

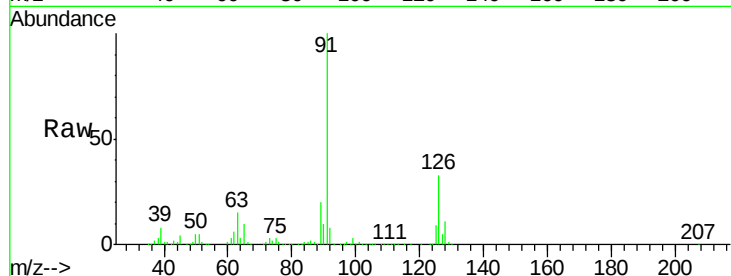
126 33.5 17.0 51.0

Manual Integrations

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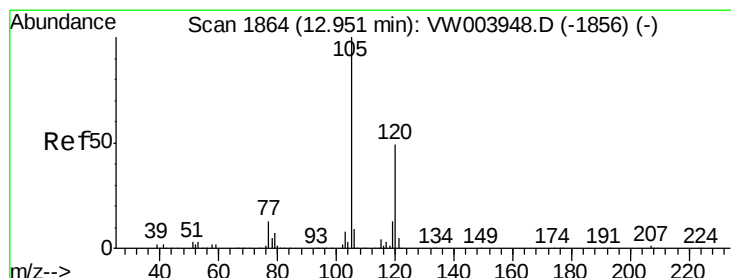
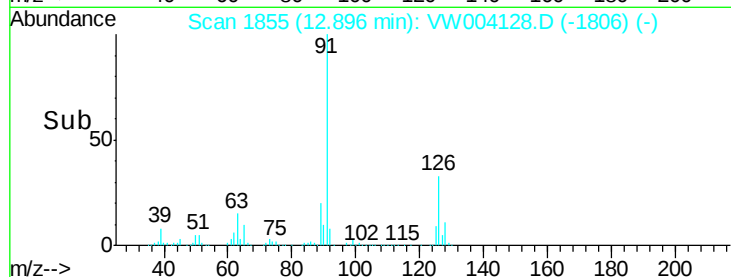
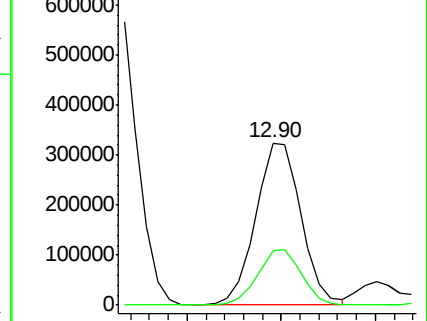
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.17 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004128.D

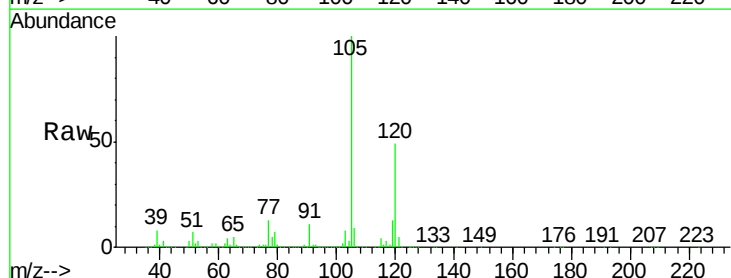
Acq: 23 Jul 2018 10:56

Tgt Ion:105 Resp: 674609

Ion Ratio Lower Upper

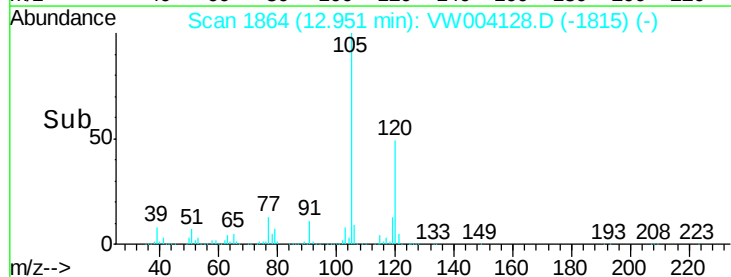
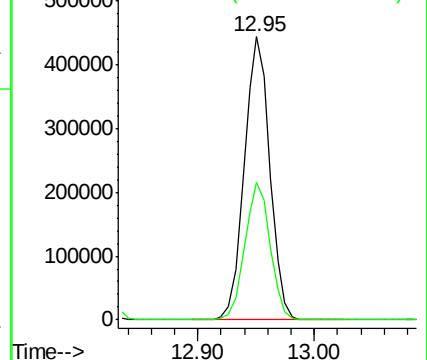
105 100

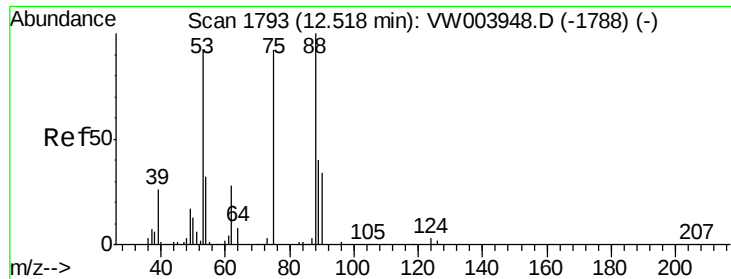
120 48.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





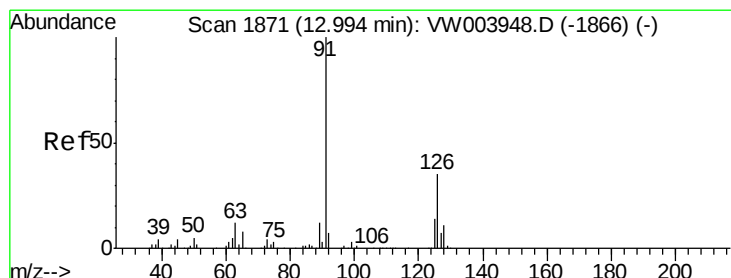
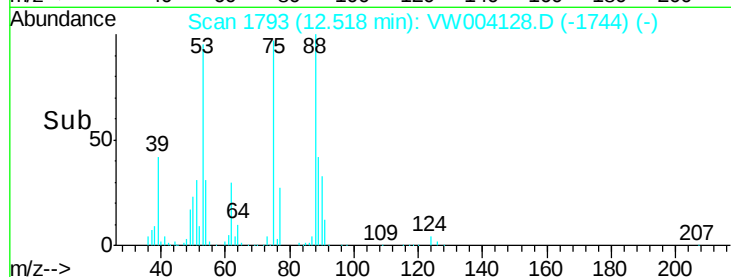
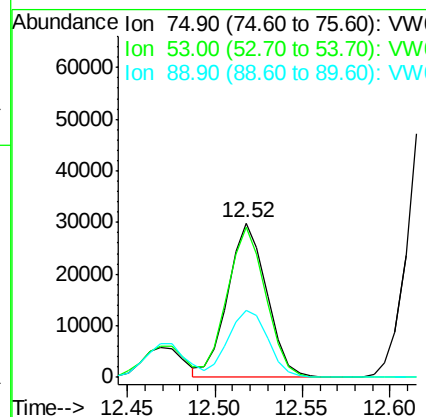
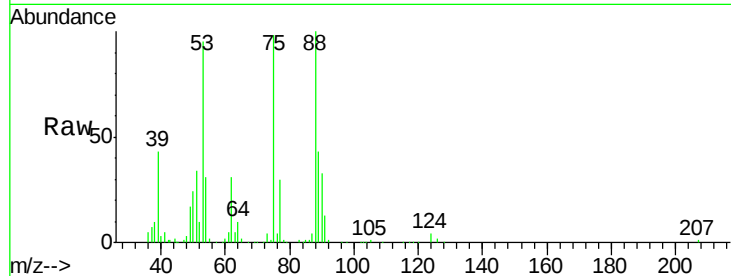
#81
trans-1,4-Dichloro-2-butene
Concen: 50.87 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	77.6	116.4
89	44.9	36.6	54.8

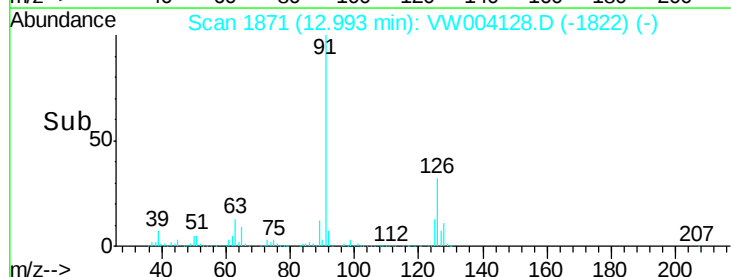
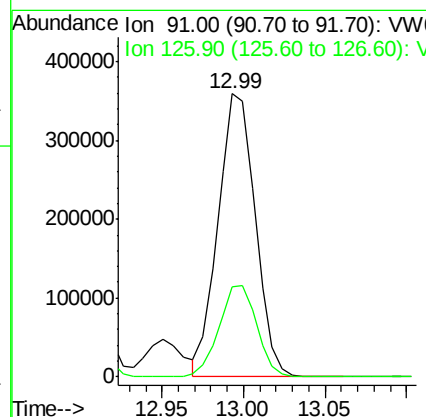
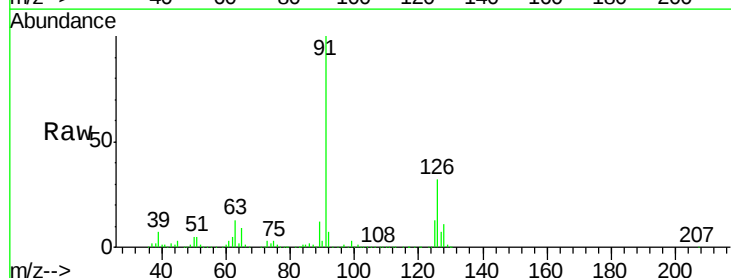
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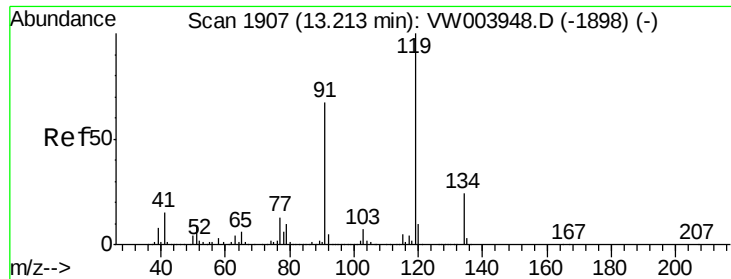
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#82
4-Chlorotoluene
Concen: 53.85 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.0





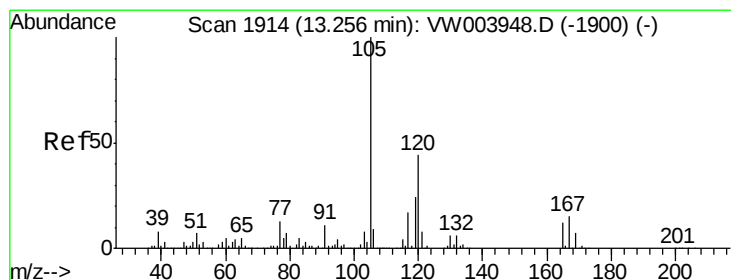
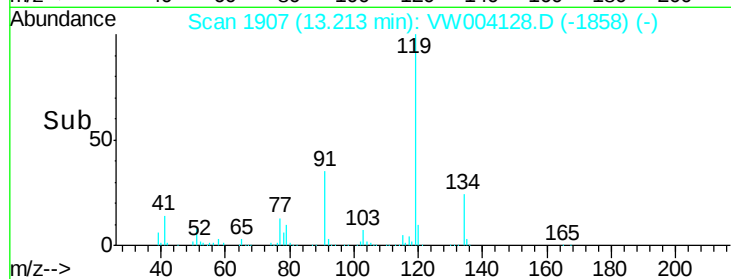
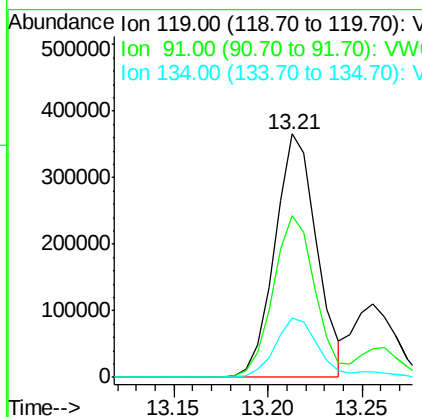
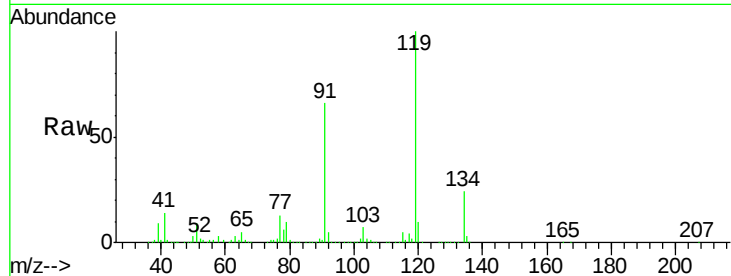
#83
tert-Butylbenzene
Concen: 55.93 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	563998		
91	67.2		33.2	99.6
134	24.3		13.0	38.9

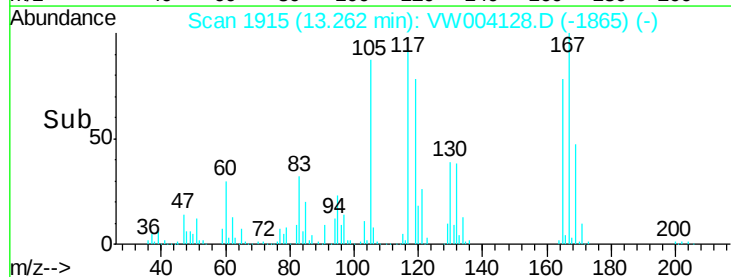
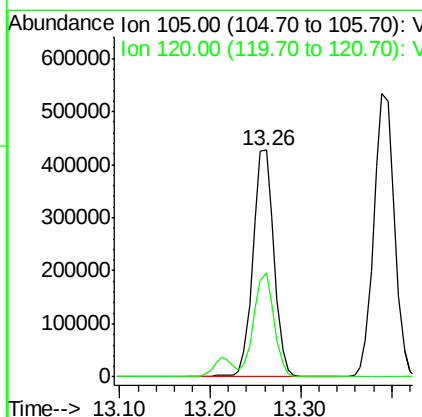
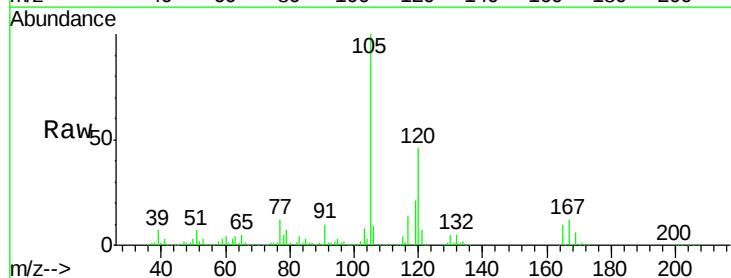
Manual Integrations
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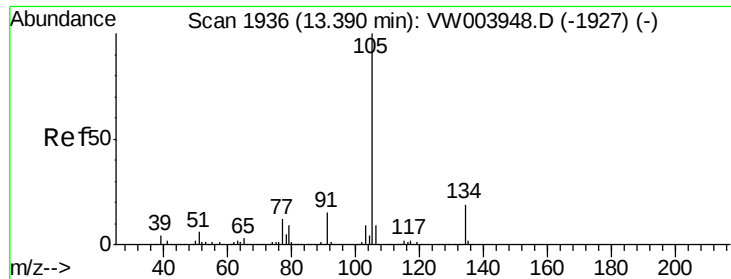
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#84
1,2,4-Trimethylbenzene
Concen: 55.35 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	683896		
120	44.1		22.1	66.1





#85

sec-Butylbenzene

Concen: 56.04 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 838491

Ion Ratio Lower Upper

105 100

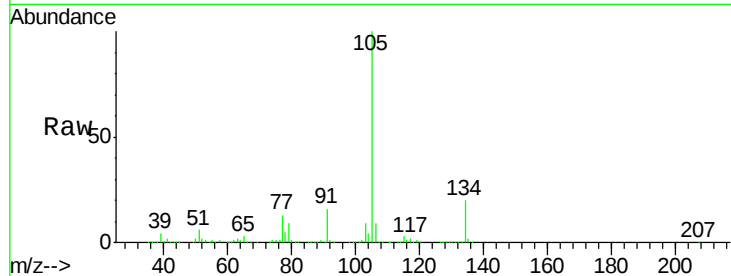
134 20.0 9.8 29.4

Manual Integrations

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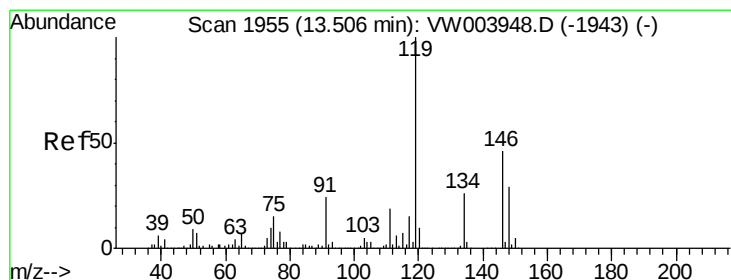
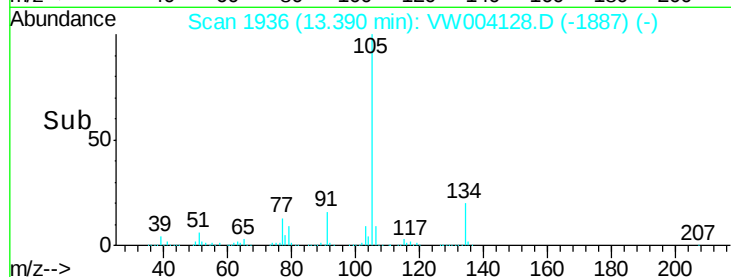
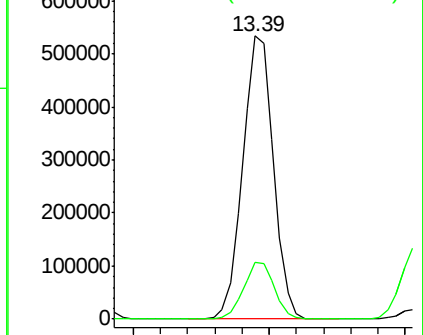
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.90 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

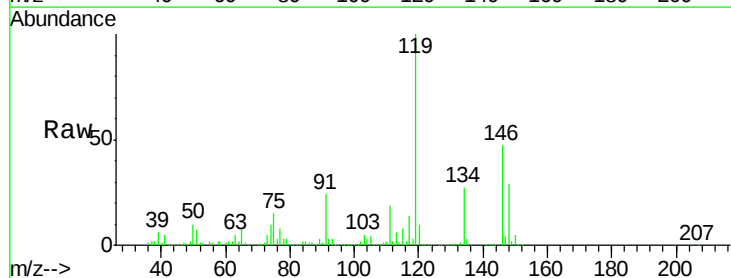
Tgt Ion:119 Resp: 733623

Ion Ratio Lower Upper

119 100

134 26.9 13.0 38.9

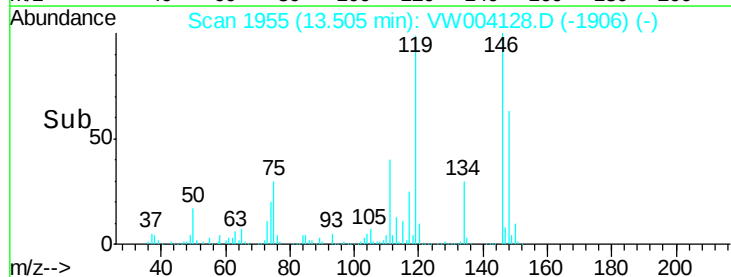
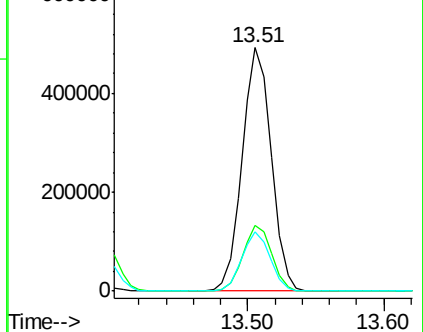
91 23.8 11.8 35.3

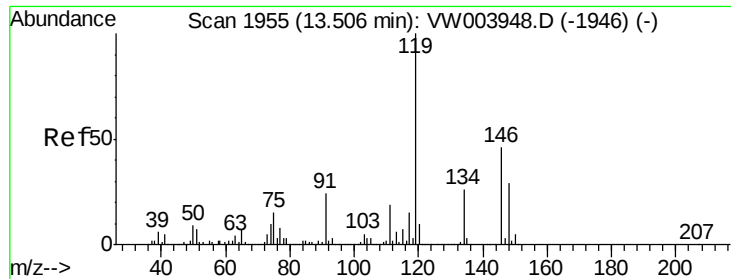


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





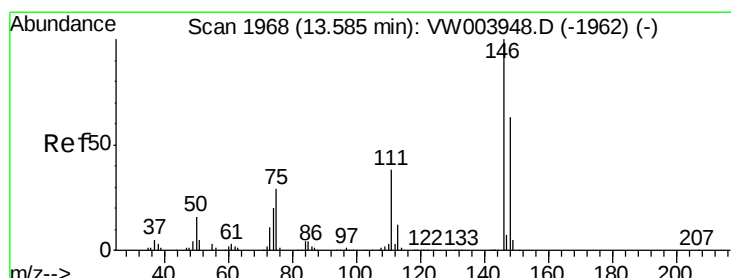
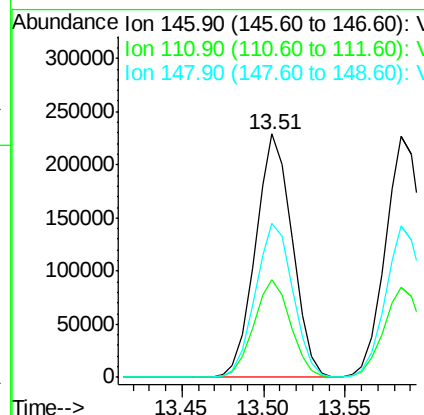
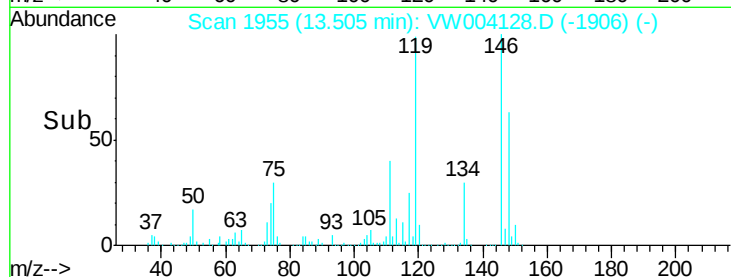
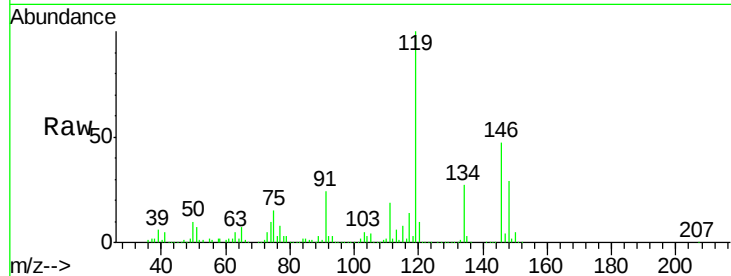
#87
 1,3-Dichlorobenzene
 Concen: 52.71 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	359557		
111	40.0	19.9	59.6	
148	64.4	31.9	95.5	

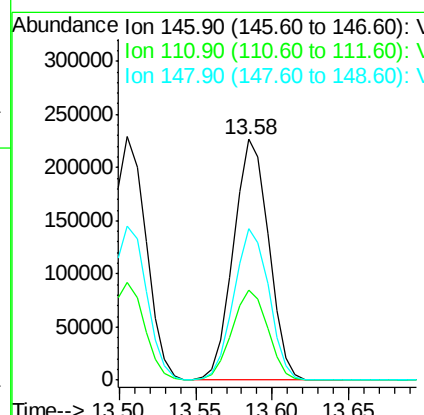
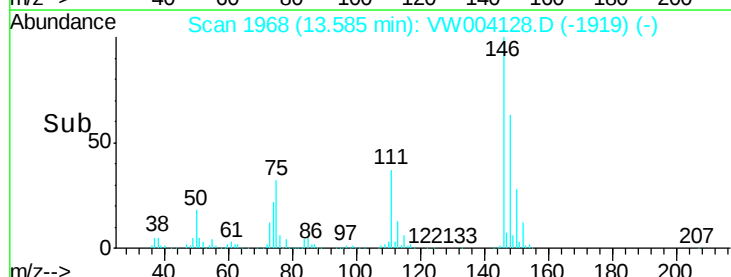
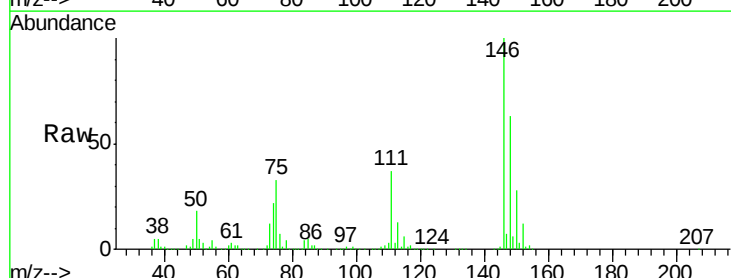
Manual Integrations
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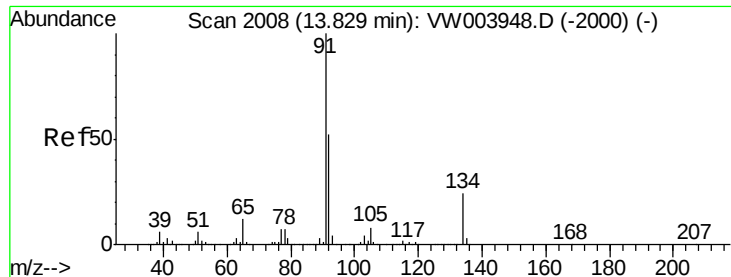
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 52.90 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	361885		
111	38.2	19.6	58.7	
148	62.9	32.3	96.8	





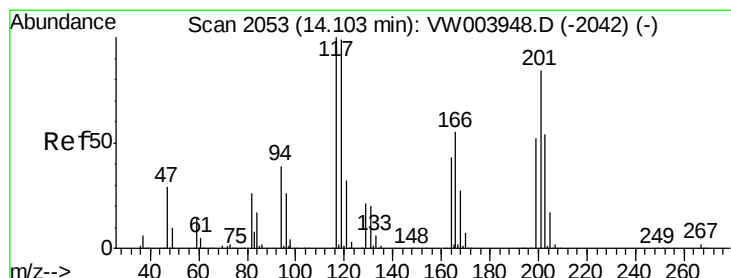
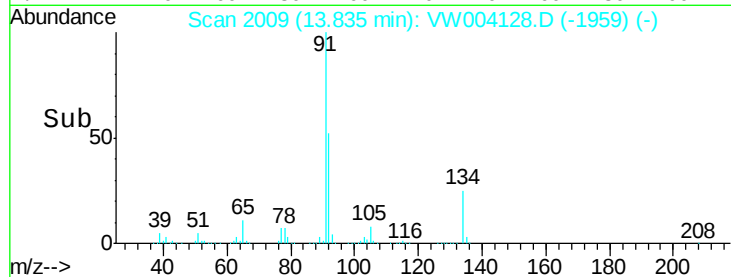
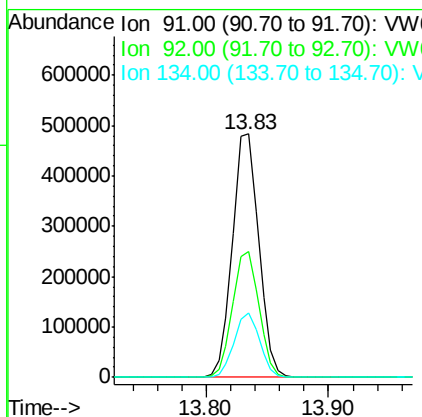
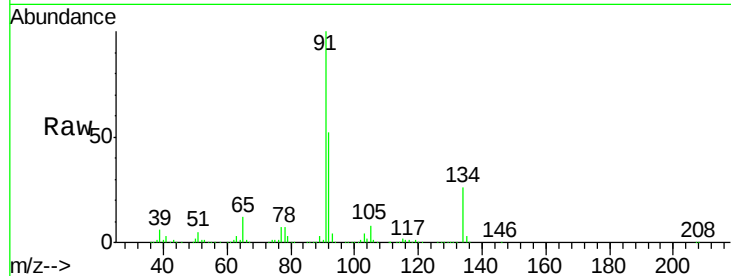
#89
n-Butylbenzene
Concen: 55.77 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.3
134	25.6	12.4	37.4

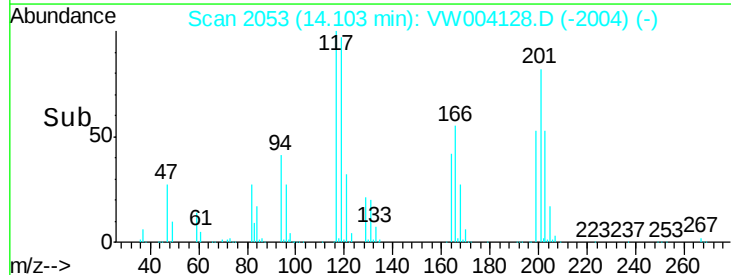
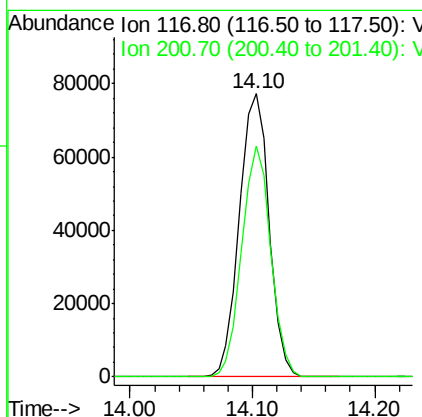
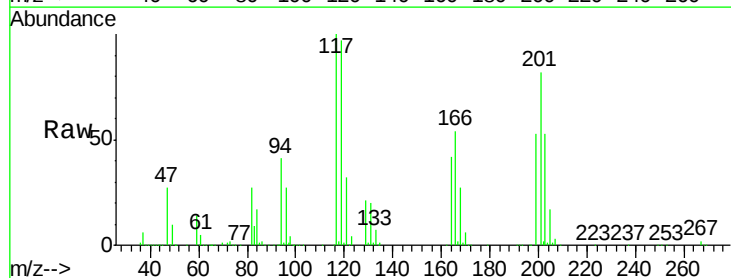
Manual Integrations
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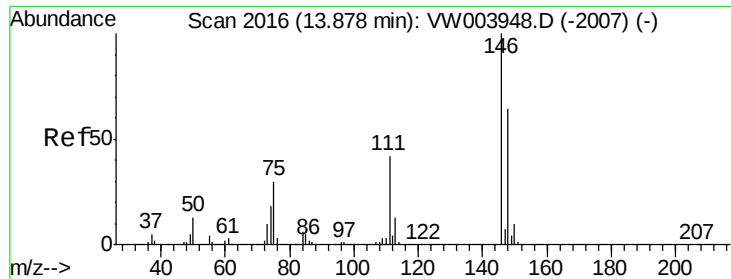
apatel
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#90
Hexachloroethane
Concen: 53.80 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004128.D
Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	40.3	120.9





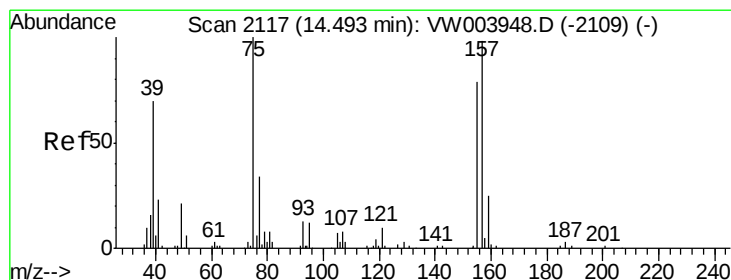
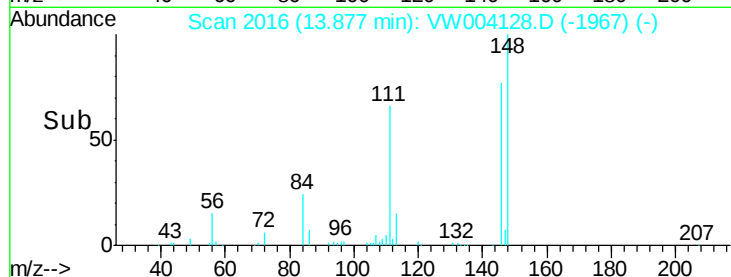
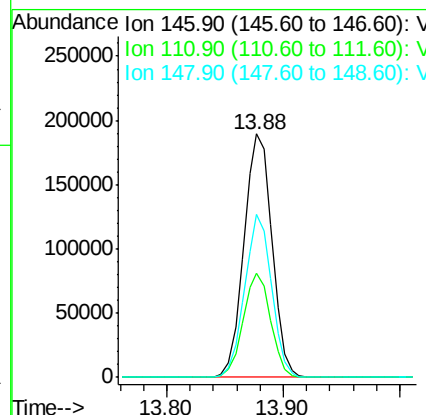
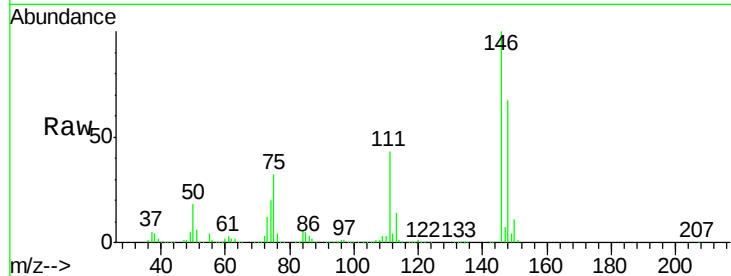
#91
 1,2-Dichlorobenzene
 Concen: 52.40 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.7	62.1
148	64.1	32.0	96.2

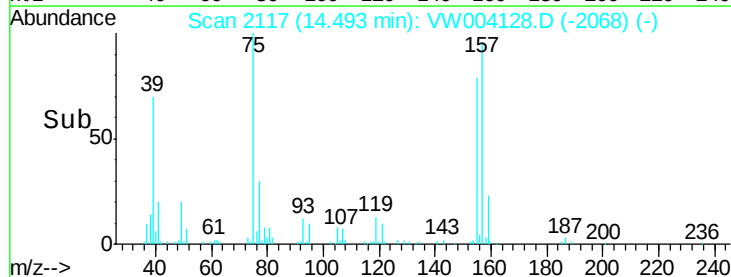
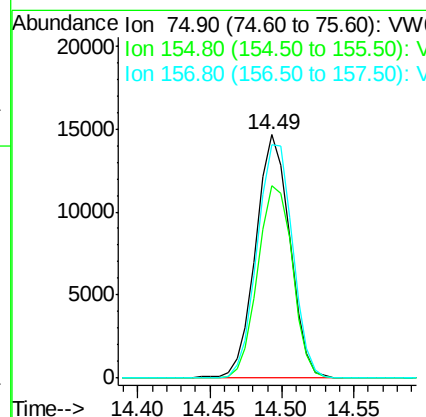
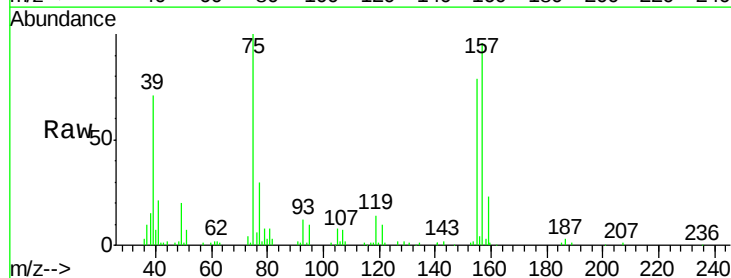
Manual Integrations
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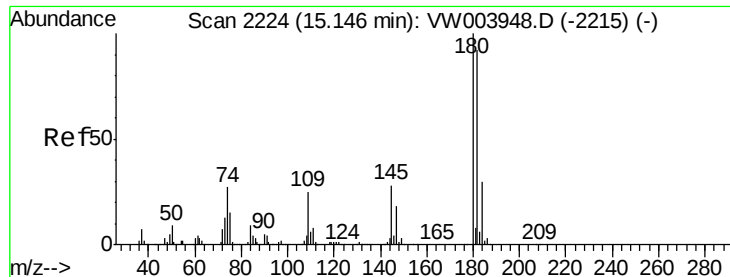
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.00 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	39.4	118.1
157	99.1	51.8	155.4





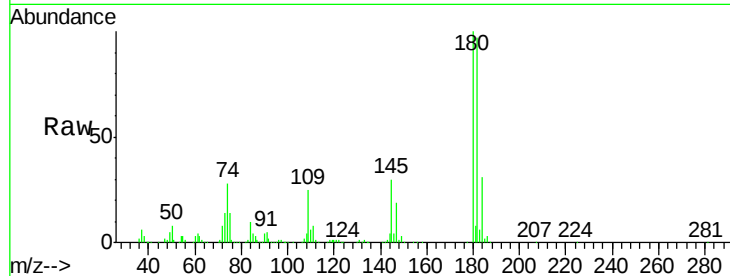
#93
 1,2,4-Trichlorobenzene
 Concen: 52.59 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

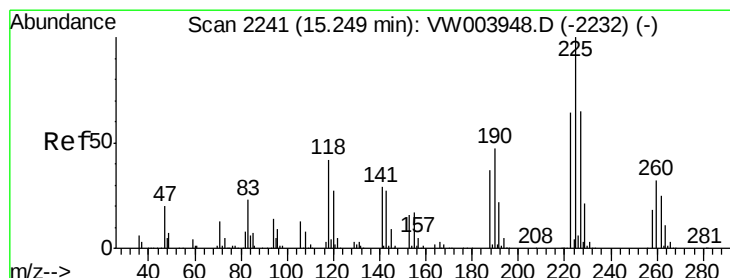
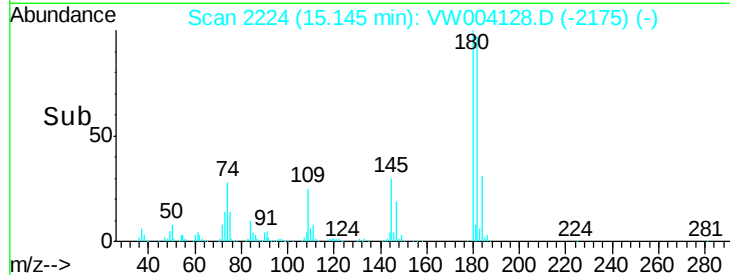
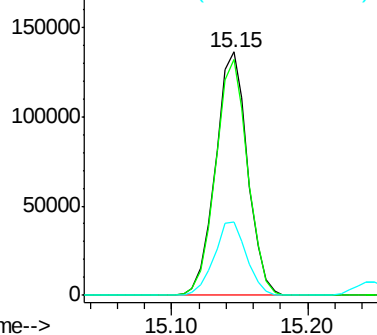
Tot Ion	Ratio	Resp	Lower	Upper
180	100	224460		
182	96.7	46.9	140.8	
145	30.5	15.0	45.0	

Manual Integrations
 APPROVED

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 7/24/2018 11:49:34 AM

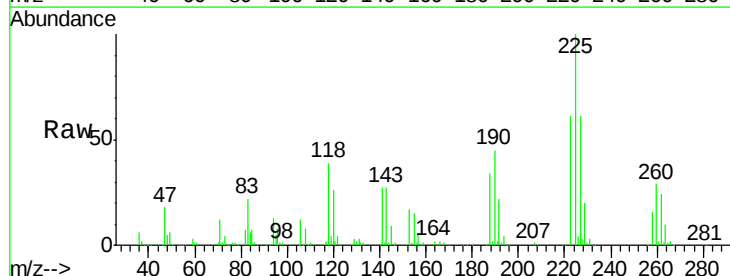


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

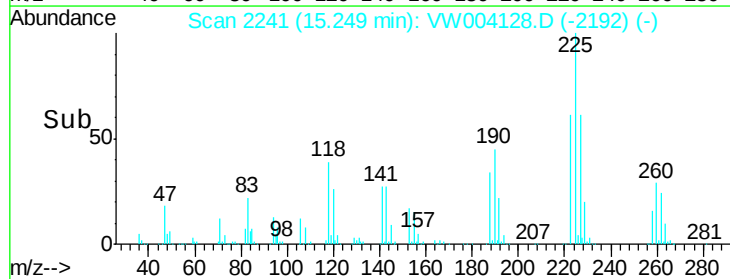
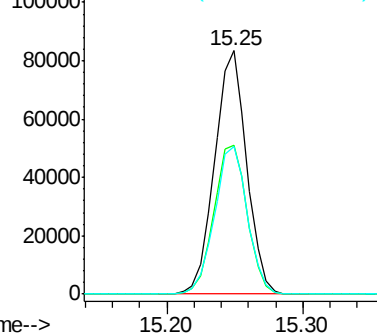


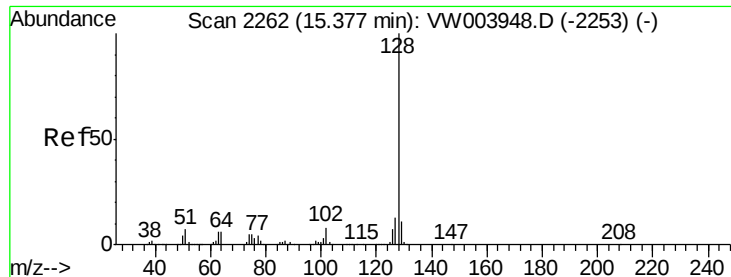
#94
 Hexachlorobutadiene
 Concen: 55.97 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW004128.D
 Acq: 23 Jul 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137181		
223	63.4	32.0	96.2	
227	62.3	32.3	96.9	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.73 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Instrument :

MSVOA_W

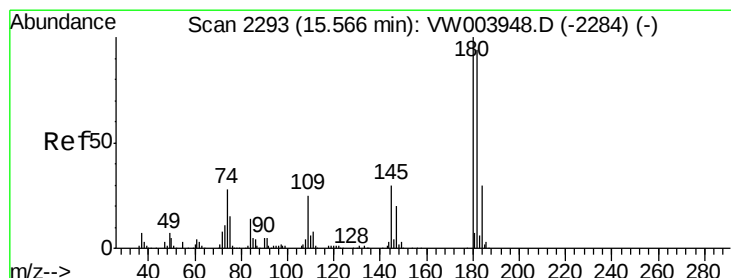
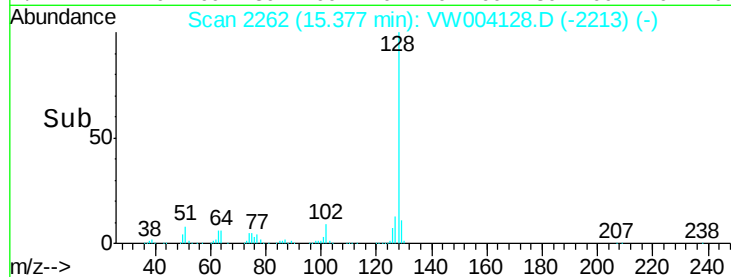
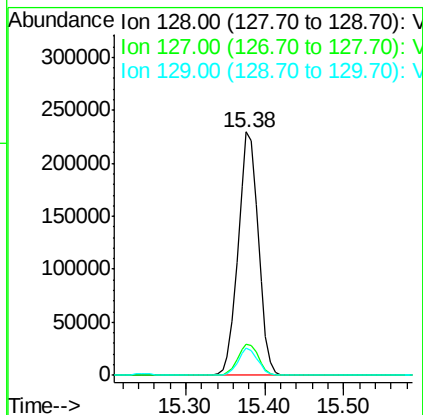
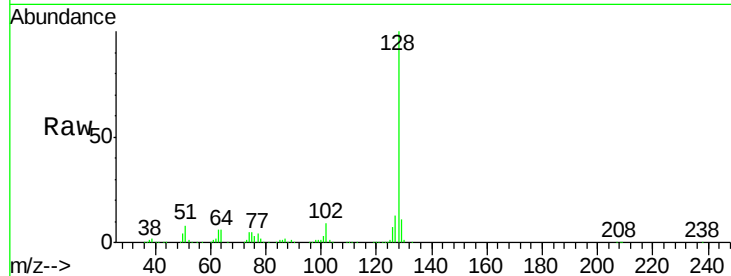
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	407541
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 52.14 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004128.D

Acq: 23 Jul 2018 10:56

Tgt Ion:	180	Resp:	197010
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.5	142.6
145	32.3	15.8	47.4

