

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005101.D
 Acq On : 05 Sep 2018 01:44
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:52 AM

Quant Time: Sep 05 05:21:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	462206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	653433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	663193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	379421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	188153	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.89	113	189836	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.33	98	923430	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	335644	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	163924	44.01	ug/l	99
3) Chloromethane	2.22	50	247935	45.87	ug/l	100
4) Vinyl Chloride	2.36	62	244731	46.56	ug/l	98
5) Bromomethane	2.76	94	174872	55.36	ug/l	95
6) Chloroethane	2.92	64	155585	47.56	ug/l	96
7) Trichlorofluoromethane	3.26	101	274742	46.47	ug/l	98
8) Diethyl Ether	3.68	74	101352	47.38	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	187309	46.12	ug/l	98
10) Methyl Iodide	4.28	142	257781	43.05	ug/l	100
11) Tert butyl alcohol	5.17	59	71911	335.86	ug/l	98
12) 1,1-Dichloroethene	4.04	96	174246	46.62	ug/l	99
13) Acrolein	3.90	56	89215	358.74	ug/l	99
14) Allyl chloride	4.68	41	271781	46.52	ug/l	98
15) Acrylonitrile	5.37	53	248415	275.31	ug/l	99
16) Acetone	4.12	43	213514	277.87	ug/l	97
17) Carbon Disulfide	4.39	76	637160	48.92	ug/l	100
18) Methyl Acetate	4.68	43	160570	71.04	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	473884	52.22	ug/l	99
20) Methylene Chloride	4.92	84	286965	55.73	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	211988	46.55	ug/l	98
22) Diisopropyl ether	6.32	45	616492	50.15	ug/l	99
23) Vinyl Acetate	6.26	43	1529805	236.90	ug/l	98
24) 1,1-Dichloroethane	6.23	63	357509	46.52	ug/l	100
25) 2-Butanone	7.18	43	358766	269.19	ug/l	99
26) 2,2-Dichloropropane	7.18	77	276199	43.74	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	236571	47.49	ug/l	99
28) Bromochloromethane	7.52	49	172799	55.87	ug/l	96
29) Tetrahydrofuran	7.54	42	186225	273.46	ug/l	98
30) Chloroform	7.68	83	366358	46.71	ug/l	98
31) Cyclohexane	7.96	56	340283	45.22	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	323572	47.37	ug/l	100
36) 1,1-Dichloropropene	8.09	75	304969	49.00	ug/l	99
37) Ethyl Acetate	7.26	43	122556	52.66	ug/l	100
38) Carbon Tetrachloride	8.07	117	288904	48.82	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	379179	50.38	ug/l	99
40) Benzene	8.33	78	939572	49.32	ug/l	100
41) Methacrylonitrile	7.49	41	71660	53.14	ug/l	92
42) 1,2-Dichloroethane	8.41	62	231115	49.57	ug/l	99
43) Isopropyl Acetate	8.43	43	219232	51.77	ug/l	99
44) Trichloroethene	9.10	130	252417	49.11	ug/l	92
45) 1,2-Dichloropropane	9.37	63	231130	49.66	ug/l	99
46) Dibromomethane	9.46	93	114679	51.53	ug/l	100
47) Bromodichloromethane	9.65	83	280640	50.08	ug/l	97
48) Methyl methacrylate	9.44	41	117313	57.53	ug/l	100
49) 1,4-Dioxane	9.45	88	48221	1339.85	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	860224	303.07	ug/l	99
52) Toluene	10.39	92	670246	51.92	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	287743	52.26	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	341973	51.07	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	180182	52.29	ug/l	97
56) Ethyl methacrylate	10.65	69	232915	59.25	ug/l	99
57) 1,3-Dichloropropane	10.94	76	299422	52.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	573149	307.69	ug/l	99
59) 2-Hexanone	10.98	43	610481	318.00	ug/l	99
60) Dibromochloromethane	11.13	129	207888	53.37	ug/l	100
61) 1,2-Dibromoethane	11.24	107	166684	53.58	ug/l	100
64) Tetrachloroethene	10.87	164	265358	51.00	ug/l	95
65) Chlorobenzene	11.66	112	748370	50.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	227839	49.94	ug/l	99
67) Ethyl Benzene	11.74	91	1290309	51.12	ug/l	99
68) m/p-Xylenes	11.85	106	1053750	104.27	ug/l	100
69) o-Xylene	12.17	106	490377	52.48	ug/l	98
70) Styrene	12.19	104	836065	54.17	ug/l	99
71) Bromoform	12.35	173	132193	54.67	ug/l	98
73) Isopropylbenzene	12.47	105	1307304	48.87	ug/l	100
74) N-amyl acetate	12.28	43	232187	50.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	213319	52.38	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	135533m	47.59	ug/l	
77) Bromobenzene	12.75	156	324241	49.19	ug/l	99
78) n-propylbenzene	12.81	91	1590544	49.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	916908	48.66	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1158022	50.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	61026	51.57	ug/l	99
82) 4-Chlorotoluene	12.99	91	974354	48.97	ug/l	100
83) tert-Butylbenzene	13.21	119	968044	50.10	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1190032	50.51	ug/l	100
85) sec-Butylbenzene	13.39	105	1397932	49.23	ug/l	99
86) p-Isopropyltoluene	13.51	119	1276016	50.77	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	664089	49.04	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	663074	49.36	ug/l	100
89) n-Butylbenzene	13.83	91	1178717	50.60	ug/l	100
90) Hexachloroethane	14.10	117	198427	47.53	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	604228	51.20	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36144	56.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	436582	55.17	ug/l	100
94) Hexachlorobutadiene	15.24	225	257112	52.24	ug/l	99
95) Naphthalene	15.38	128	756993	54.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	388808	57.41	ug/l	99

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

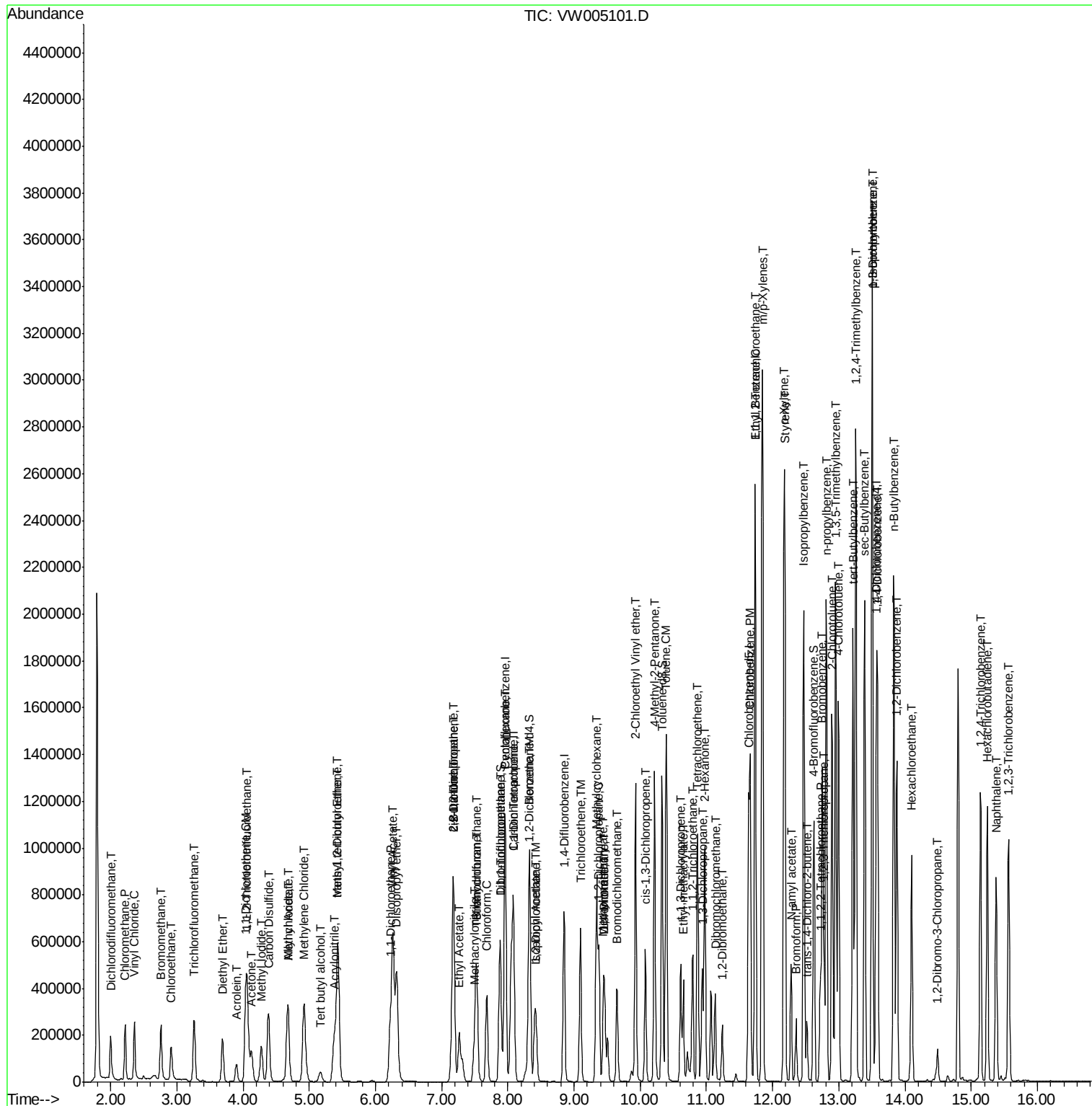
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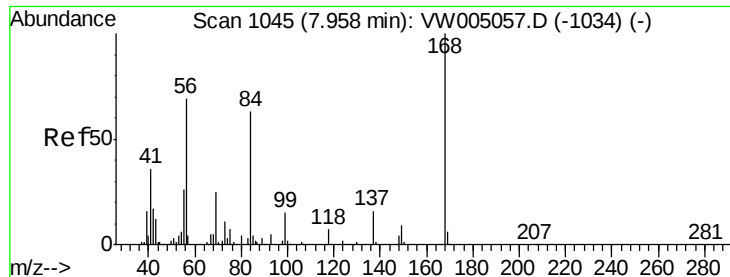
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 462206

Ion Ratio Lower Upper

168 100

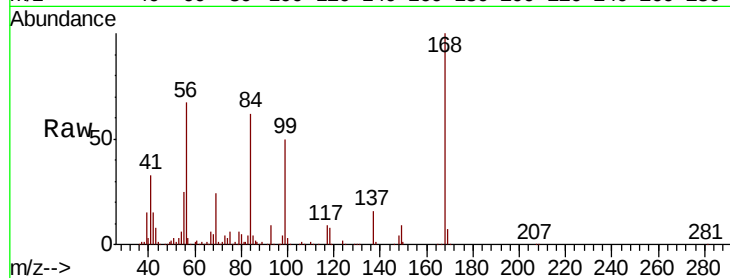
99 49.4 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

100000

50000

0

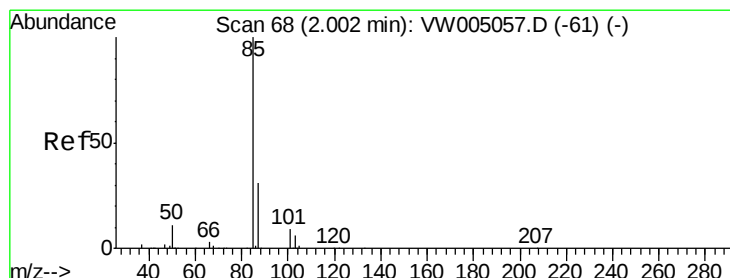
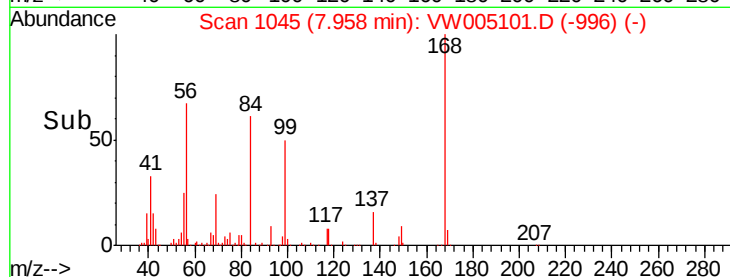
7.80

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.01 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005101.D

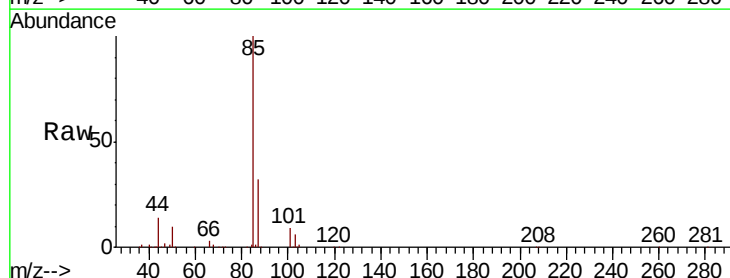
Acq: 05 Sep 2018 01:44

Tgt Ion: 85 Resp: 163924

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

120000

100000

80000

60000

40000

20000

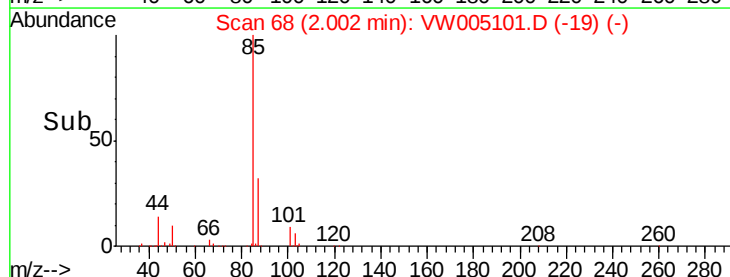
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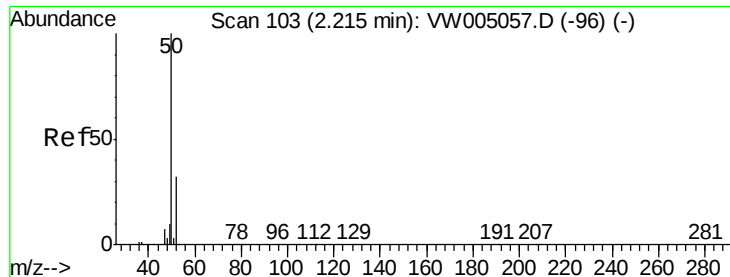
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 45.87 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 247935

Ion Ratio Lower Upper

50 100

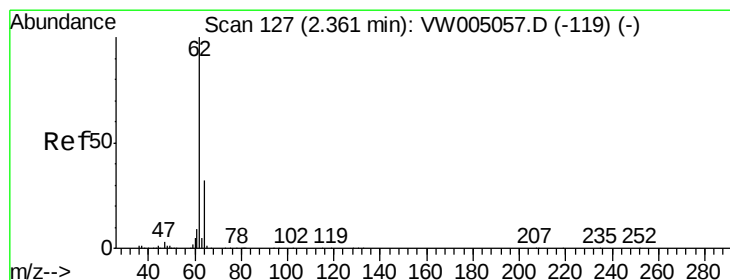
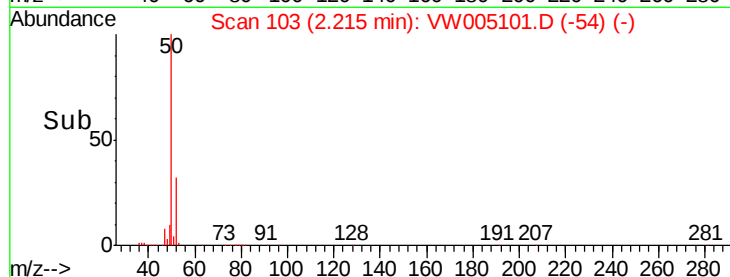
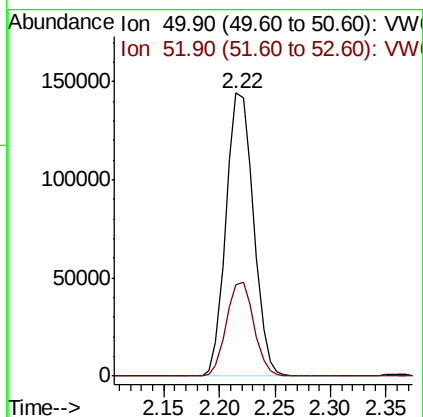
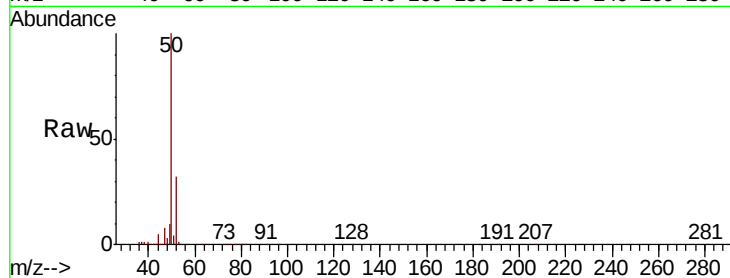
52 32.2 25.8 38.6

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#4

Vinyl Chloride

Concen: 46.56 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005101.D

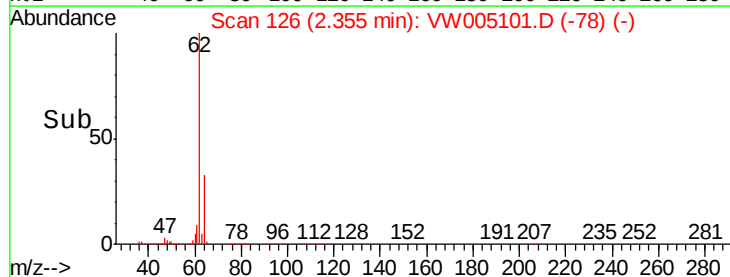
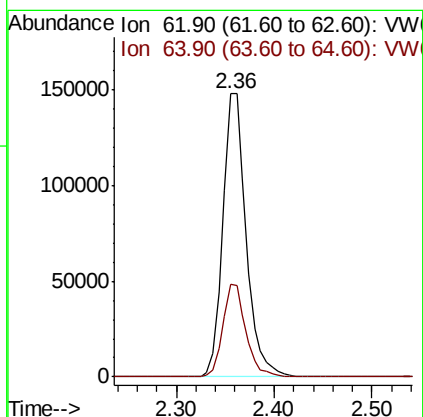
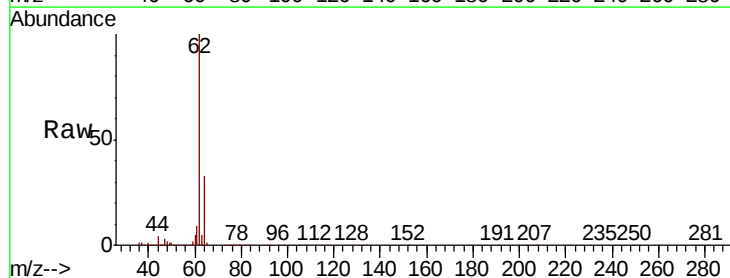
Acq: 05 Sep 2018 01:44

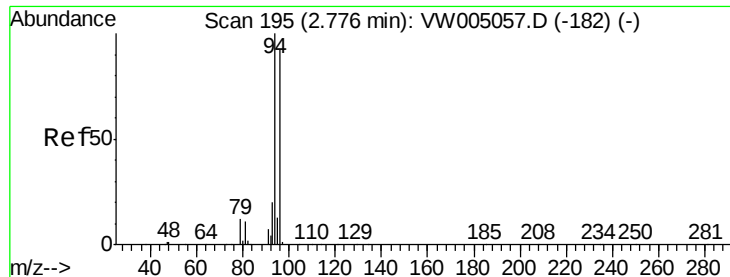
Tgt Ion: 62 Resp: 244731

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4





#5

Bromomethane

Concen: 55.36 ug/l

RT: 2.76 min Scan# 192

Delta R.T. -0.02 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tot Ion: 94 Resp: 174872

Ion Ratio Lower Upper

94 100

96 96.4 73.2 109.8

Instrument :

MSVOA_W

ClientSampleId :

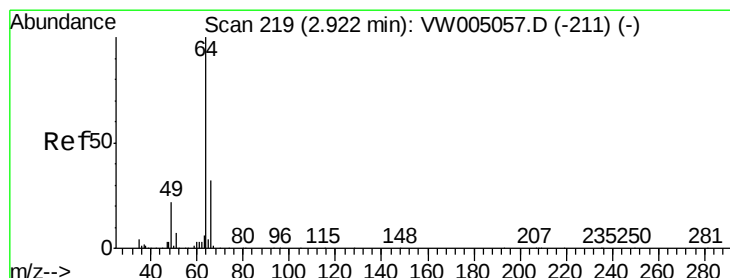
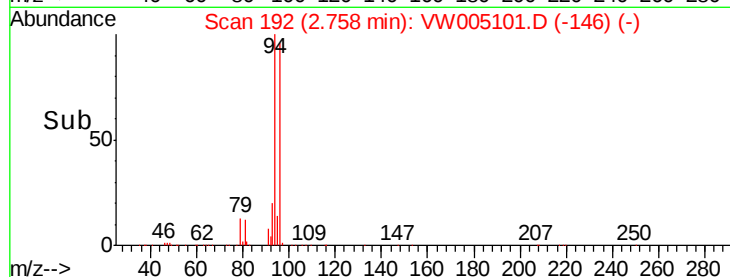
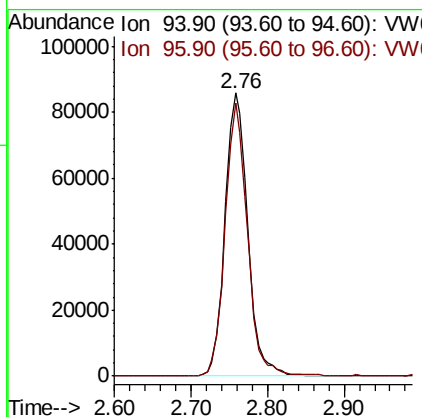
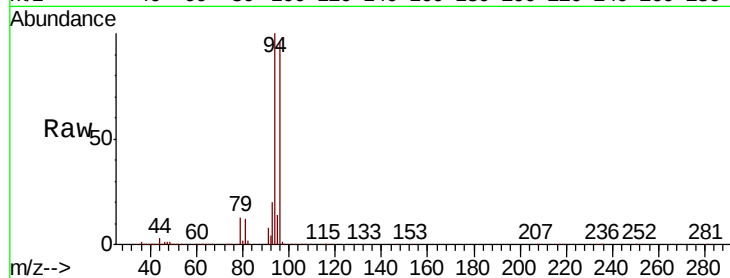
VSTDCCC050

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#6

Chloroethane

Concen: 47.56 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005101.D

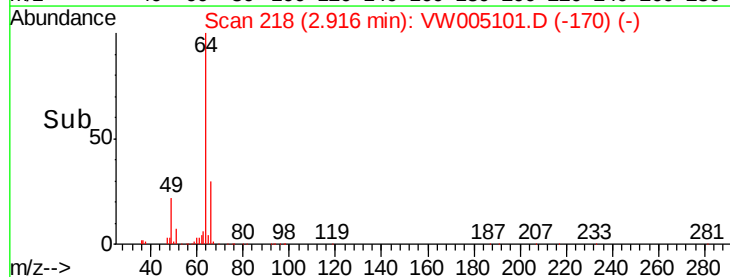
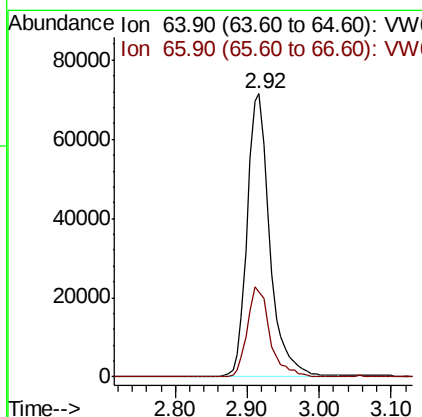
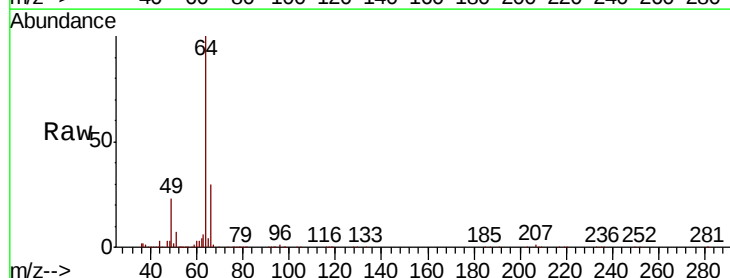
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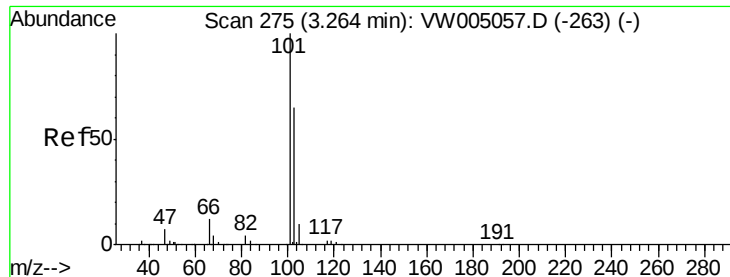
Tgt Ion: 64 Resp: 155585

Ion Ratio Lower Upper

64 100

66 30.0 25.7 38.5





#7

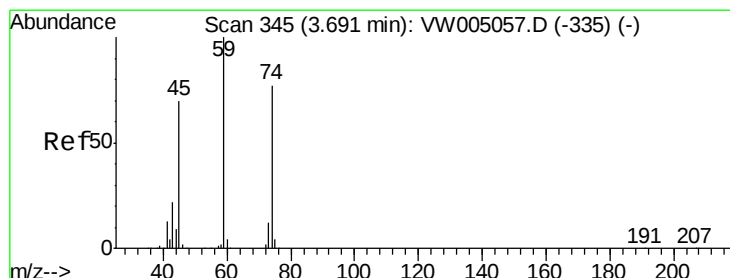
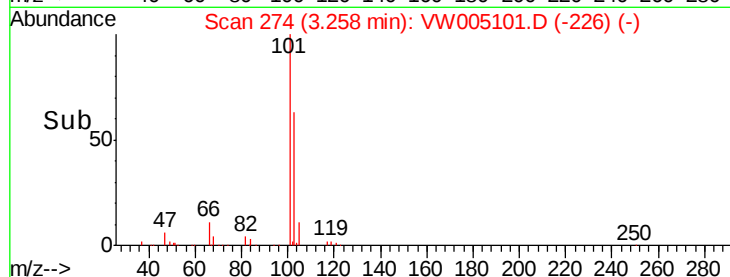
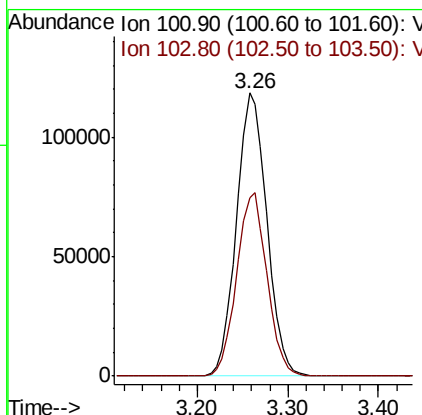
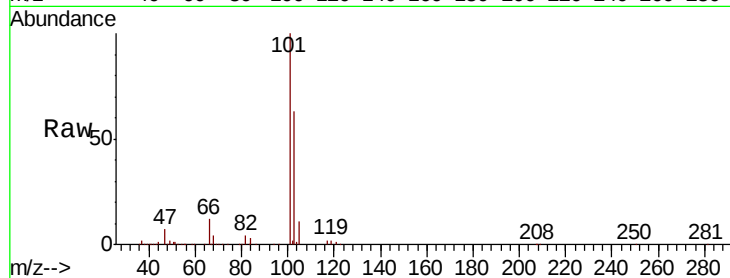
Trichlorofluoromethane
 Concen: 46.47 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.9	77.9

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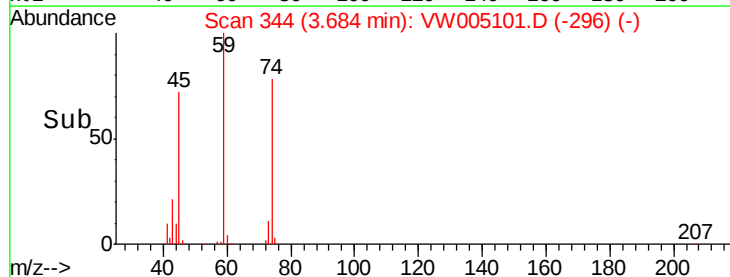
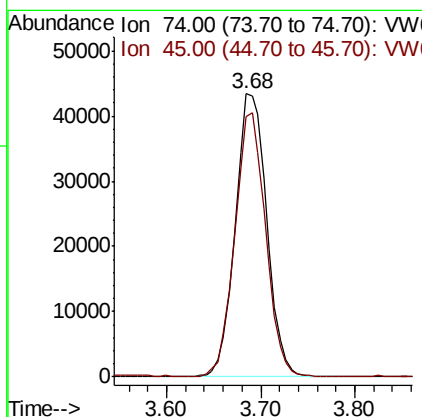
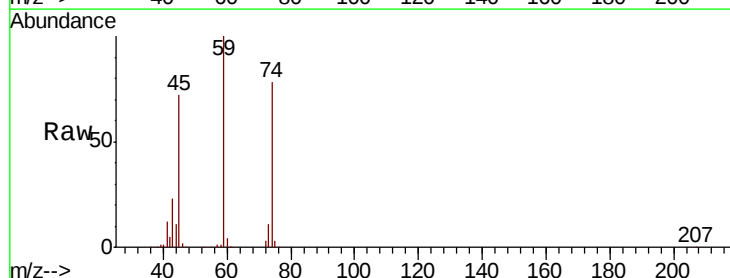
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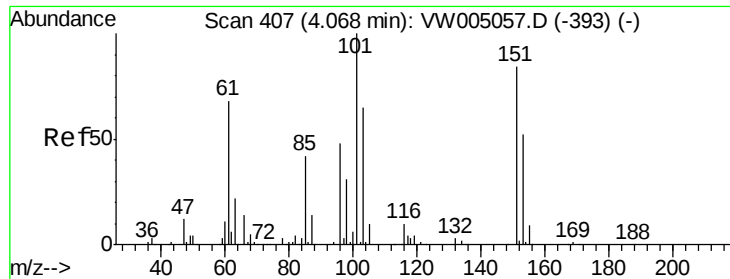


#8

Diethyl Ether
 Concen: 47.38 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.9	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.12 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

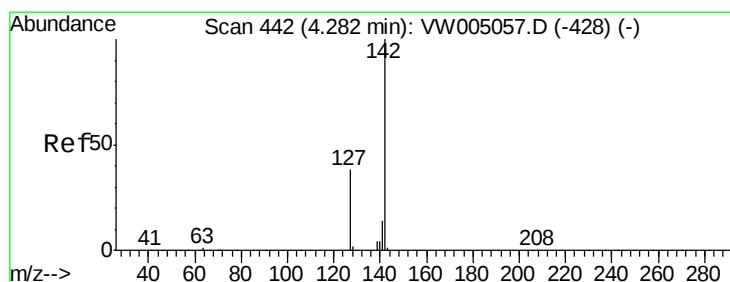
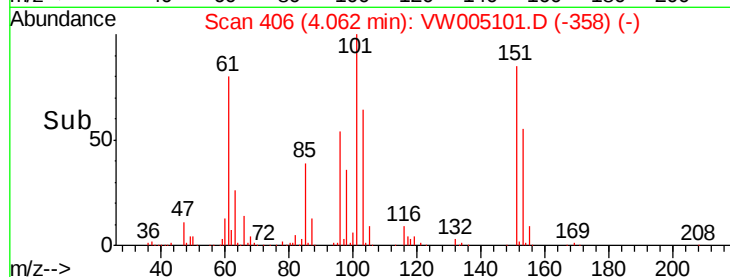
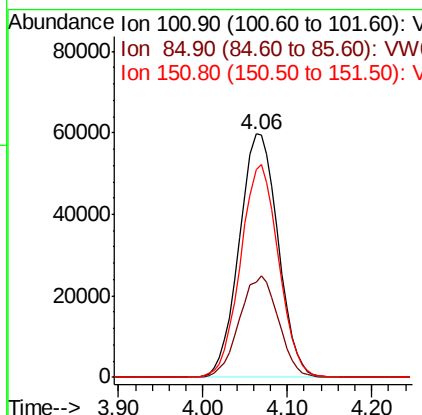
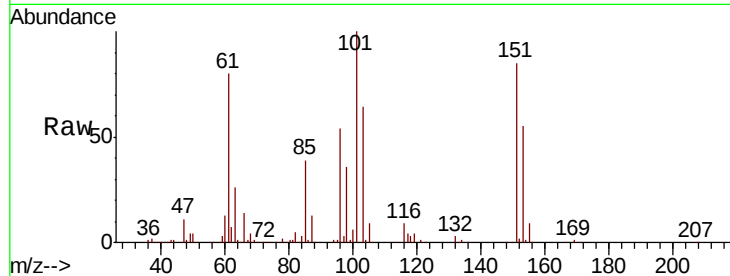
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	187309
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.0	49.6
151	85.7	67.0	100.6

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#10

Methyl Iodide

Concen: 43.05 ug/l

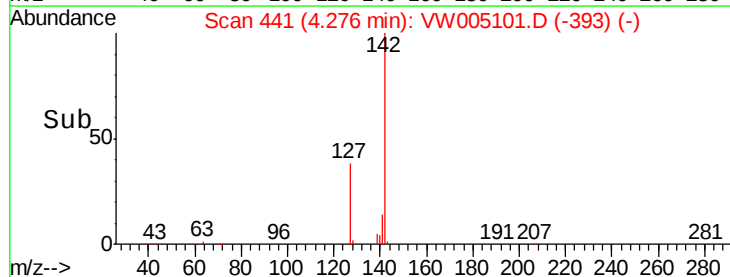
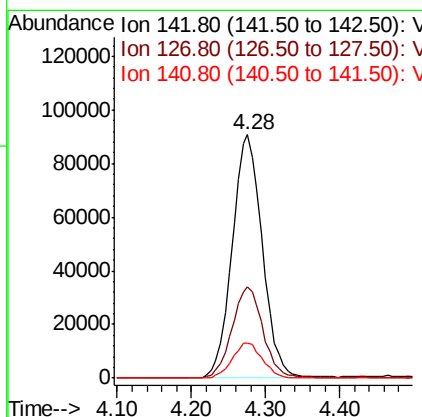
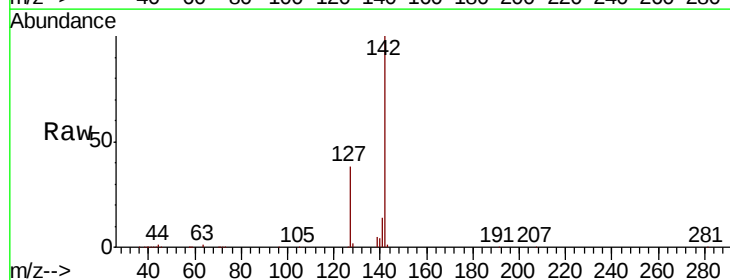
RT: 4.28 min Scan# 441

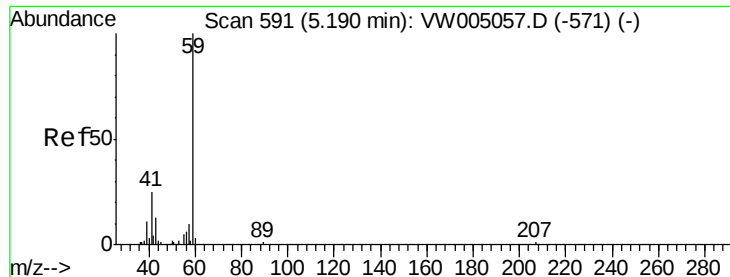
Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion:	142	Resp:	257781
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.8	46.2
141	14.4	11.6	17.4





#11

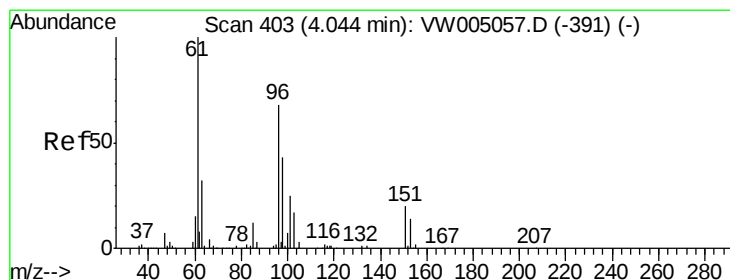
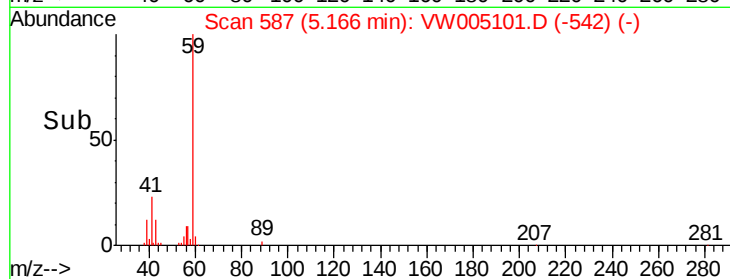
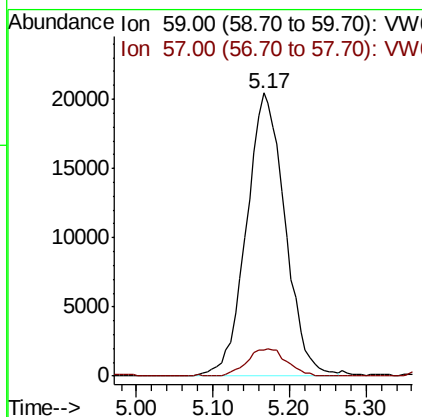
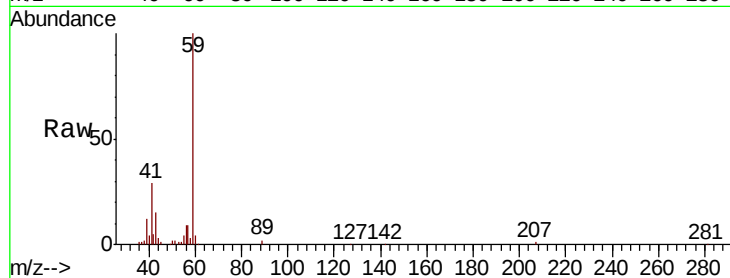
Tert butyl alcohol
Concen: 335.86 ug/l
RT: 5.17 min Scan# 587
Delta R.T. -0.02 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.6	12.8

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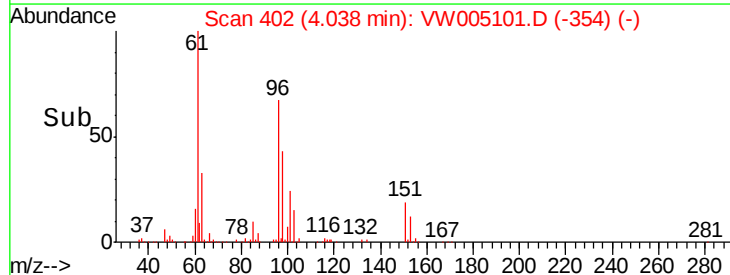
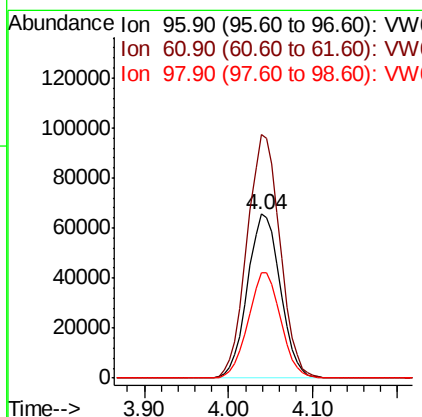
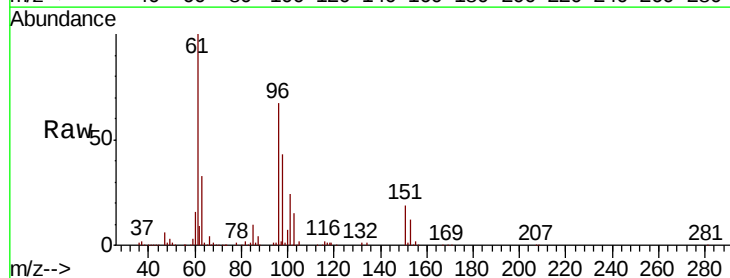
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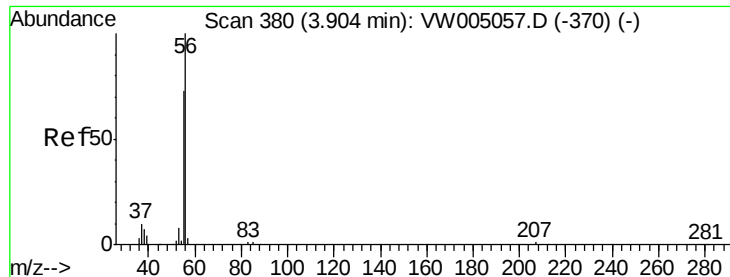


#12

1,1-Dichloroethene
Concen: 46.62 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.5	117.4	176.0
98	64.1	51.0	76.4





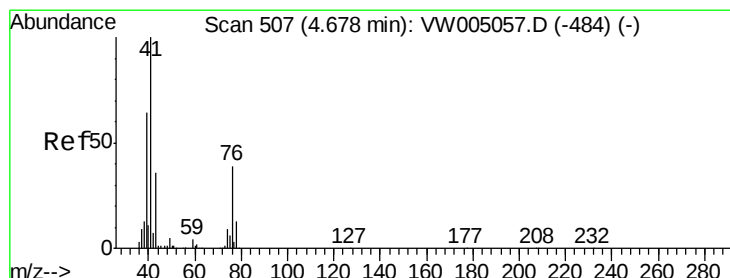
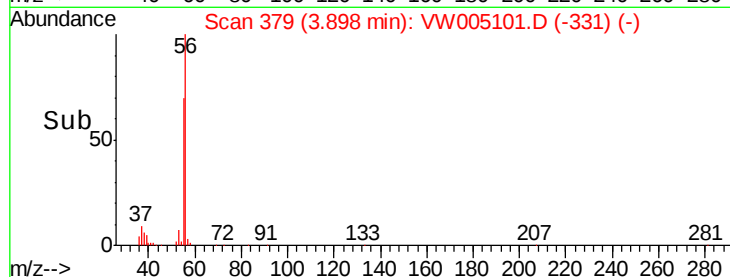
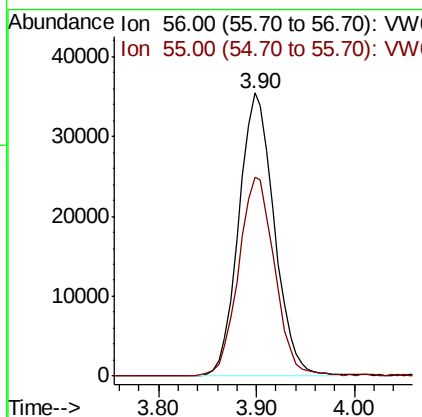
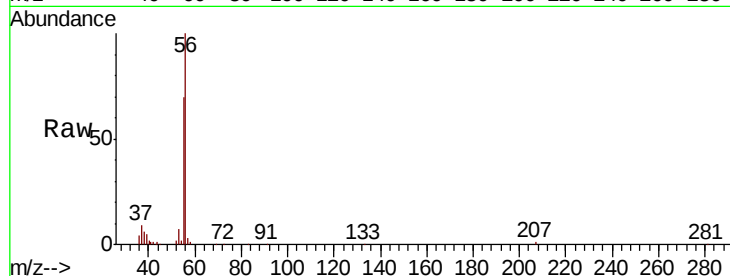
#13
 Acrolein
 Concen: 358.74 ug/l
 RT: 3.90 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	58.1	87.1

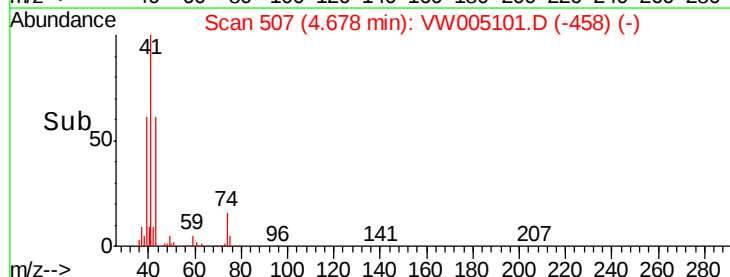
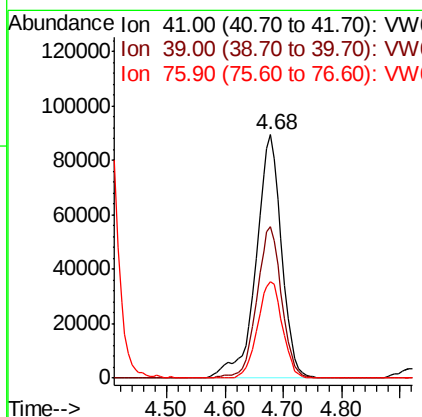
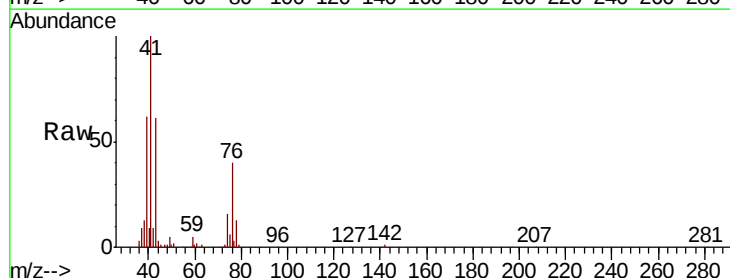
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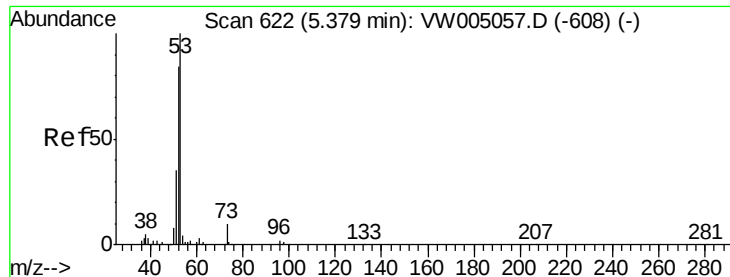
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#14
 Allyl chloride
 Concen: 46.52 ug/l
 RT: 4.68 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.6	49.4	74.2
76	38.7	31.8	47.6





#15

Acrylonitrile

Concen: 275.31 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

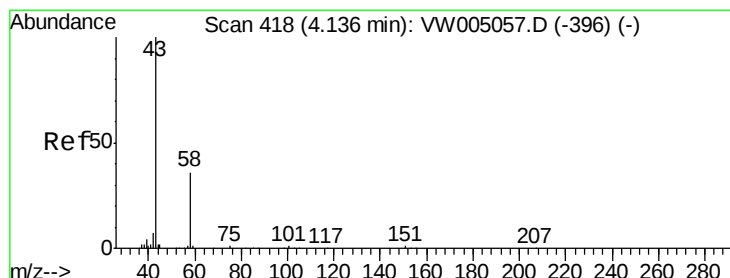
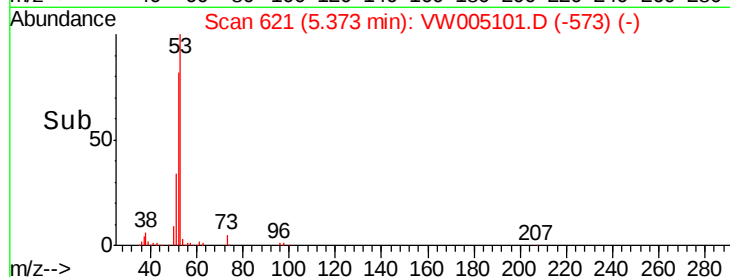
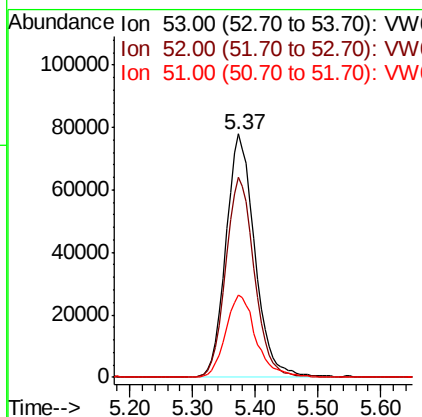
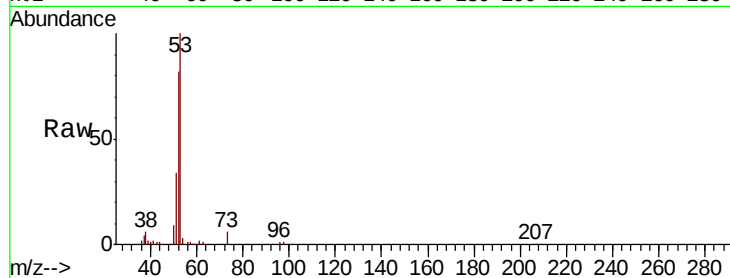
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	248415
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.7	98.5
51	35.6	28.8	43.2

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#16

Acetone

Concen: 277.87 ug/l

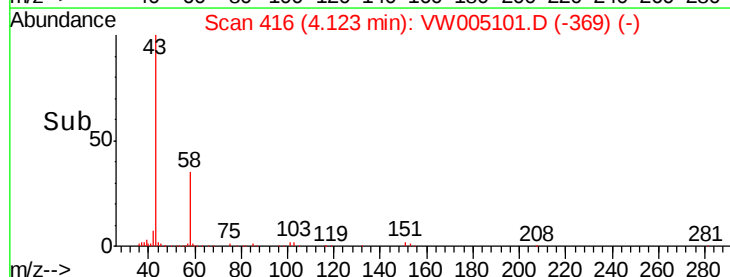
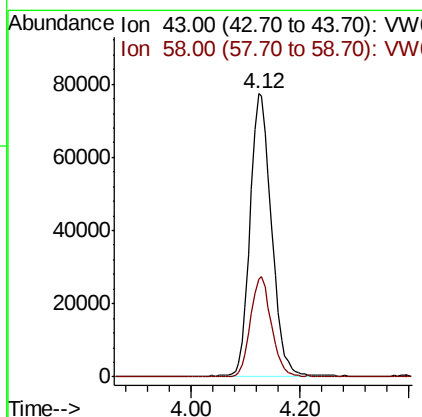
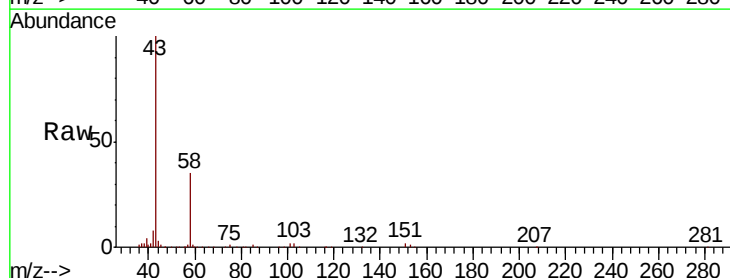
RT: 4.12 min Scan# 416

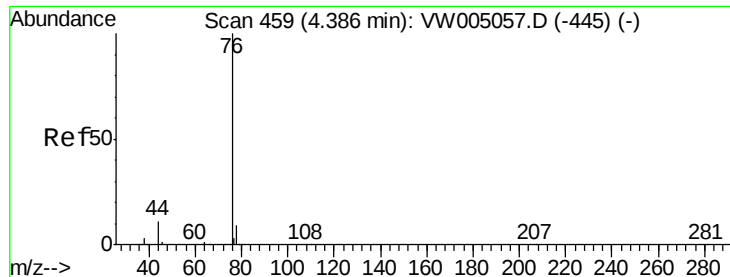
Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion:	43	Resp:	213514
Ion Ratio	Lower	Upper	
43	100		
58	34.4	29.0	43.6





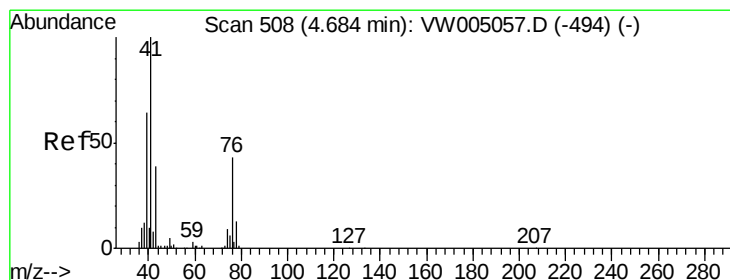
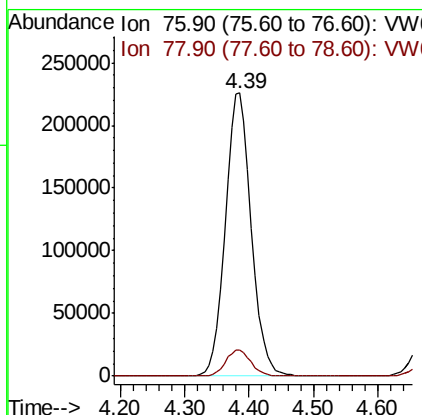
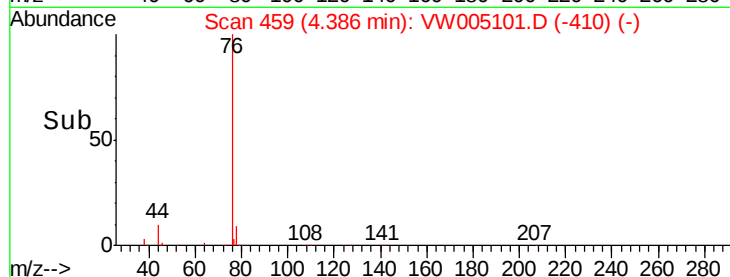
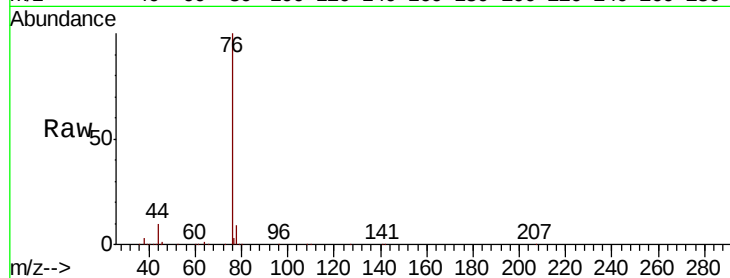
#17
Carbon Disulfide
Concen: 48.92 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

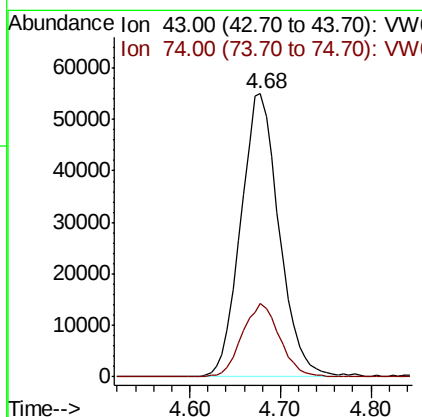
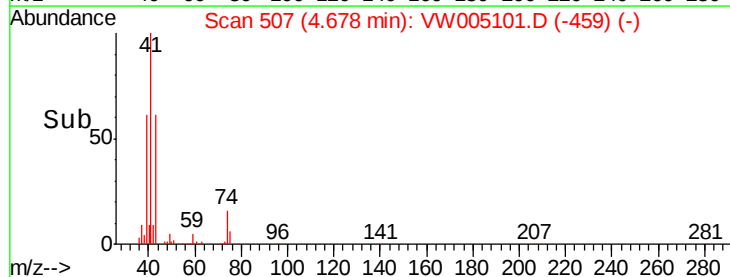
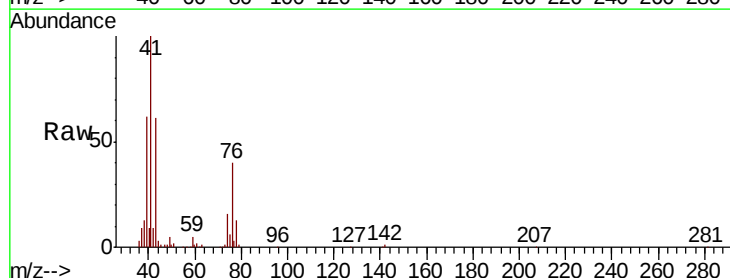
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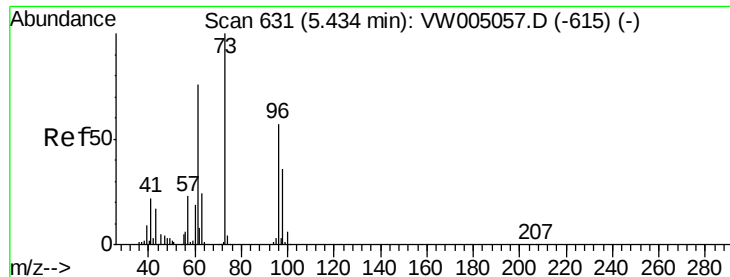
apatel
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#18
Methyl Acetate
Concen: 71.04 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	20.7	31.1





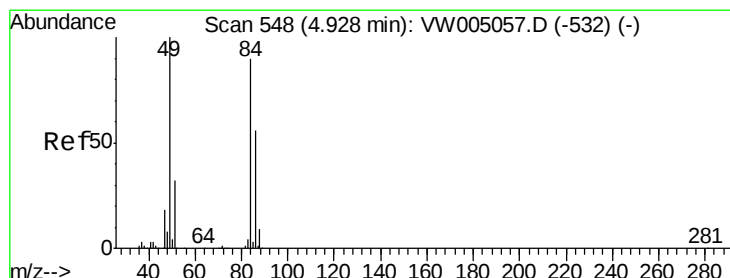
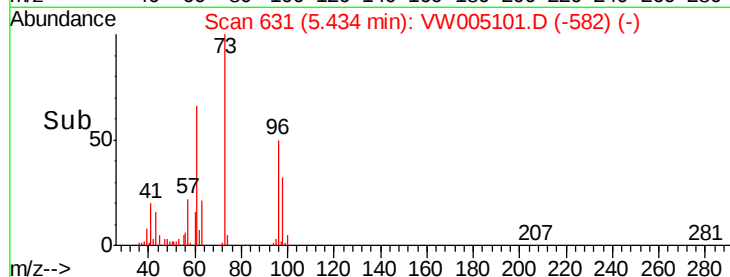
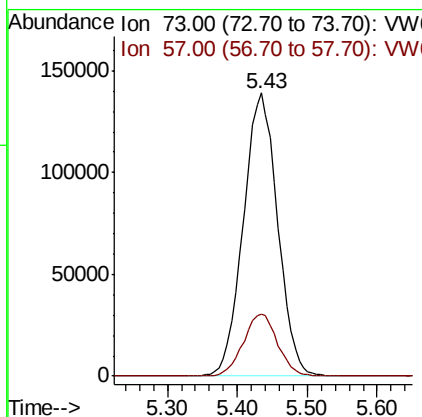
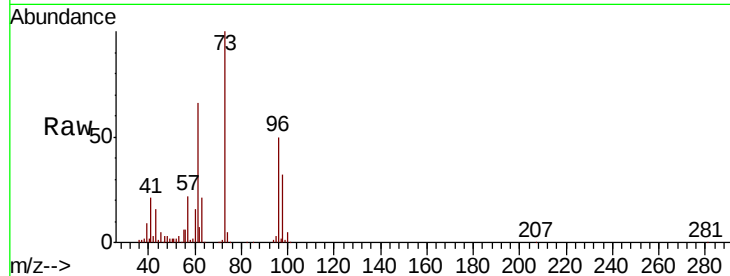
#19
Methvl tert-butvl Ether
Concen: 52.22 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.1	27.1

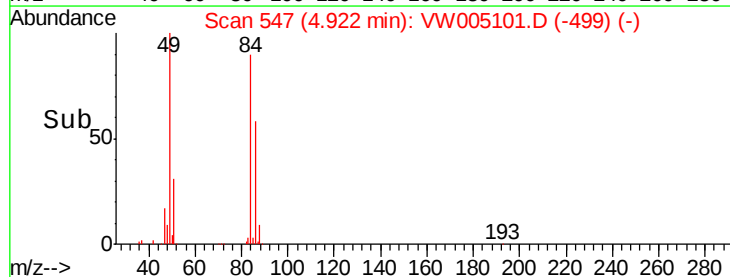
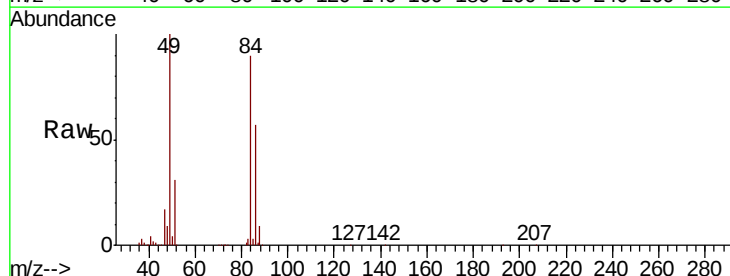
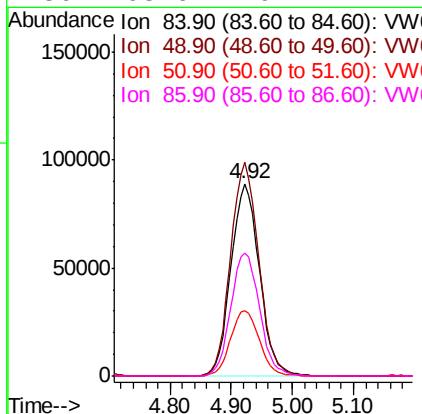
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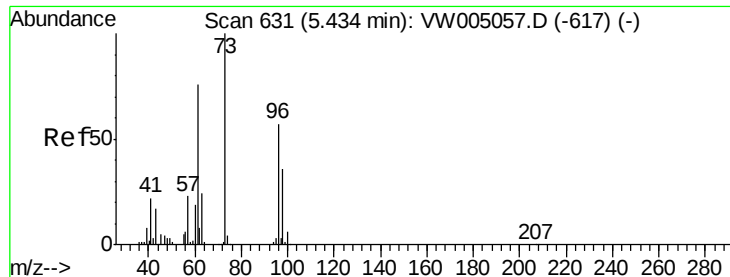
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#20
Methylene Chloride
Concen: 55.73 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	88.7	133.1
51	33.9	28.6	42.8
86	63.6	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 46.55 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

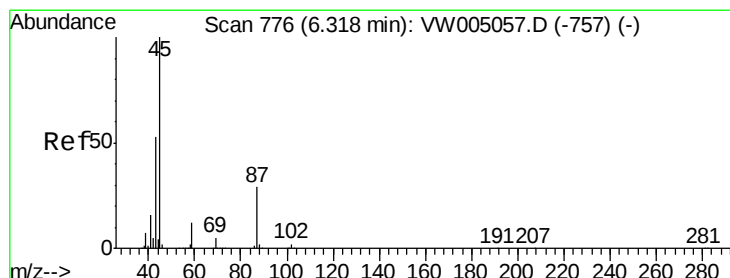
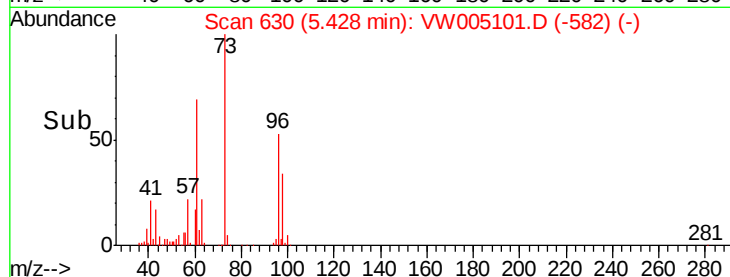
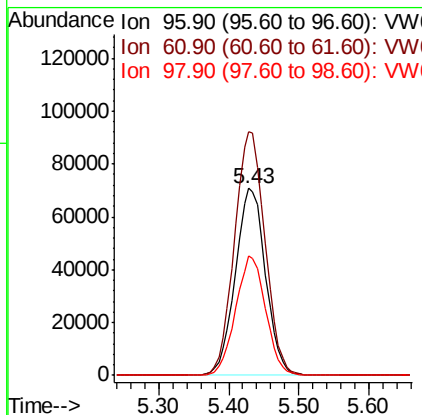
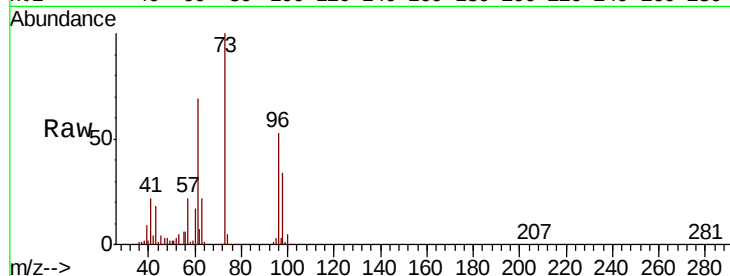
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	211988
Ion	Ratio	Lower	Upper
96	100		
61	130.2	106.3	159.5
98	64.0	50.9	76.3

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#22

Diisopropyl ether

Concen: 50.15 ug/l

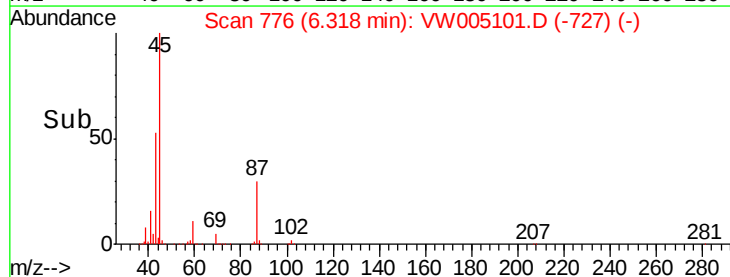
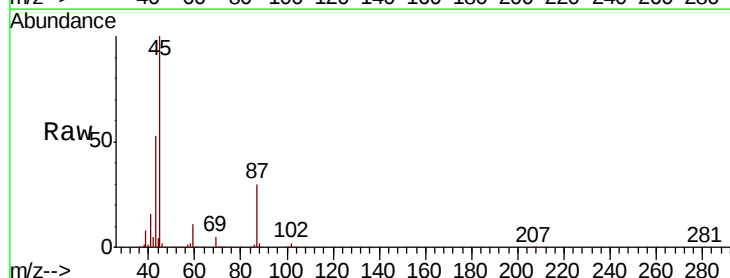
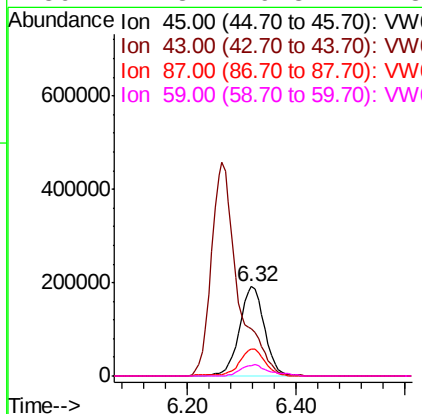
RT: 6.32 min Scan# 776

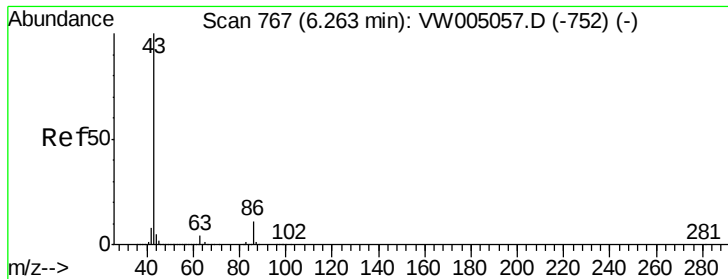
Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion:	45	Resp:	616492
Ion	Ratio	Lower	Upper
45	100		
43	52.5	42.6	63.8
87	30.0	23.6	35.4
59	11.3	9.8	14.8





#23

Vinyl Acetate

Concen: 236.90 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tot Ion: 43 Resp: 1529805

Ion Ratio Lower Upper

43 100

86 11.8 9.0 13.4

Instrument :

MSVOA_W

ClientSampled :

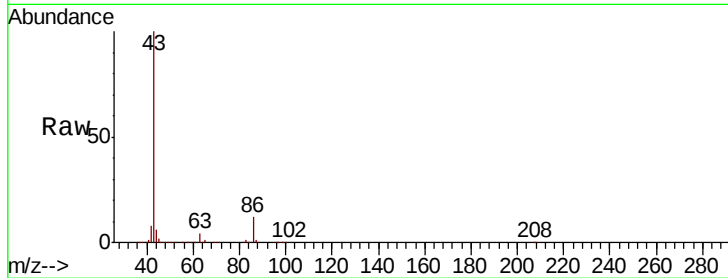
VSTDCCC050

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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

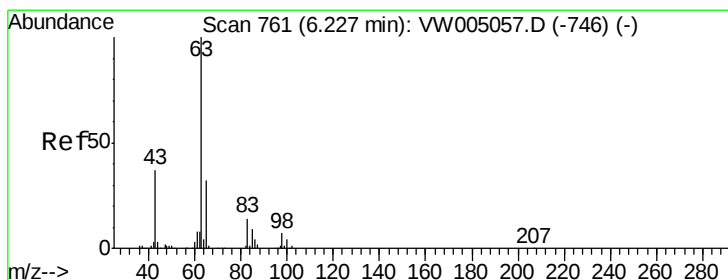
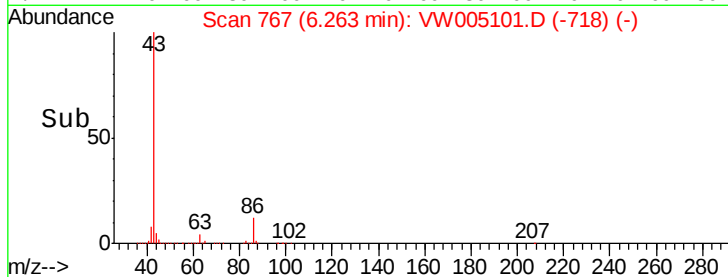
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.52 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

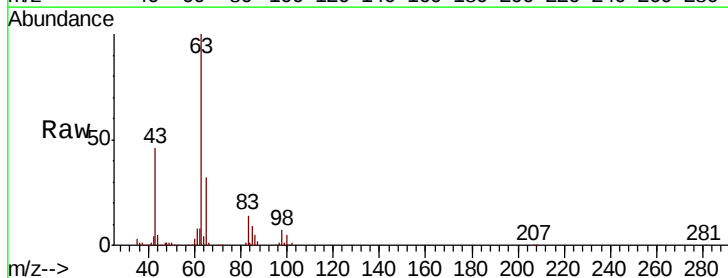
Tgt Ion: 63 Resp: 357509

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.7 2.2 6.6



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

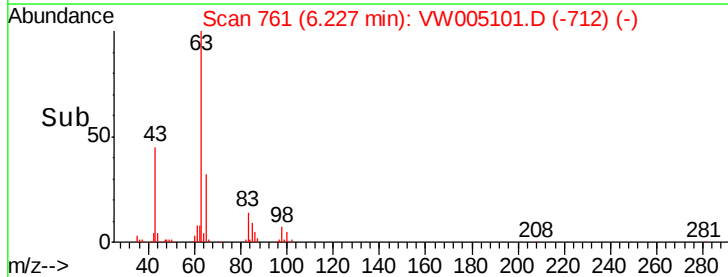
150000

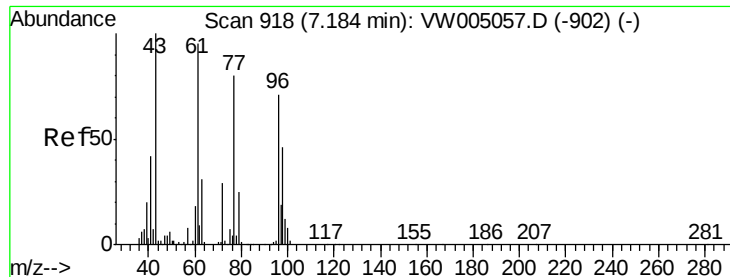
100000

50000

0

Time-->





#25

2-Butanone

Concen: 269.19 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 358766

Ion Ratio Lower Upper

43 100

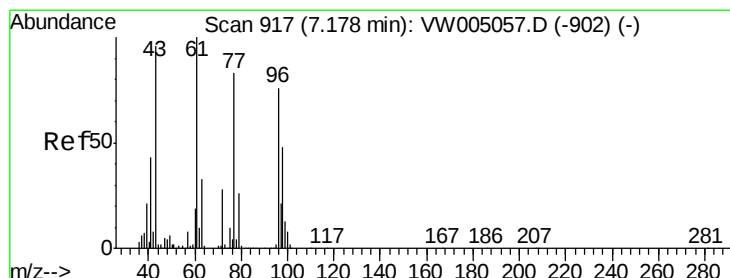
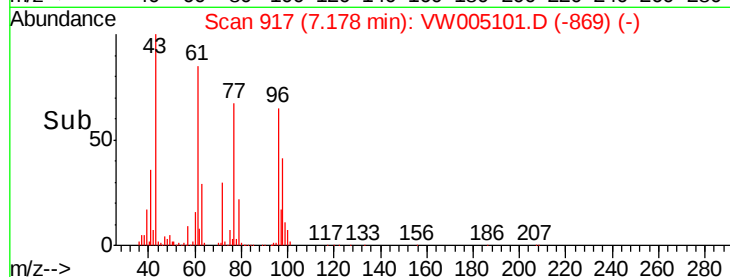
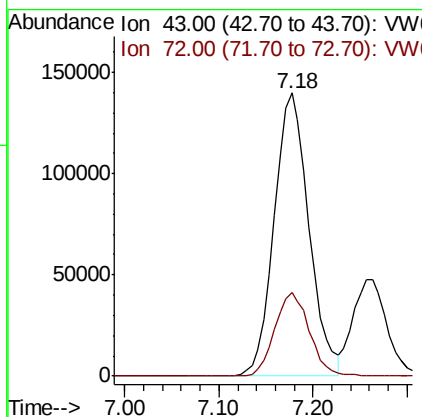
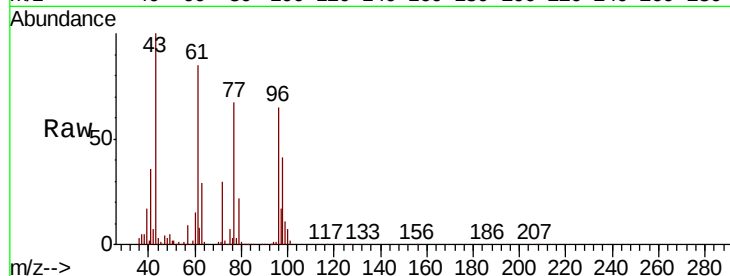
72 29.5 23.1 34.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.74 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW005101.D

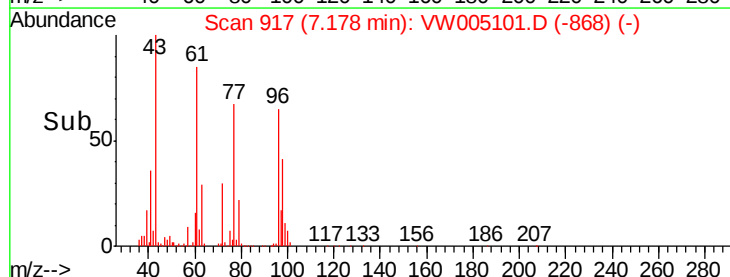
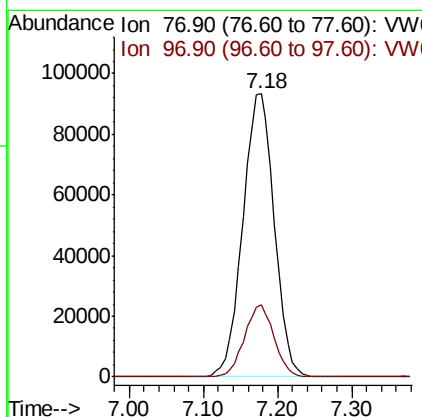
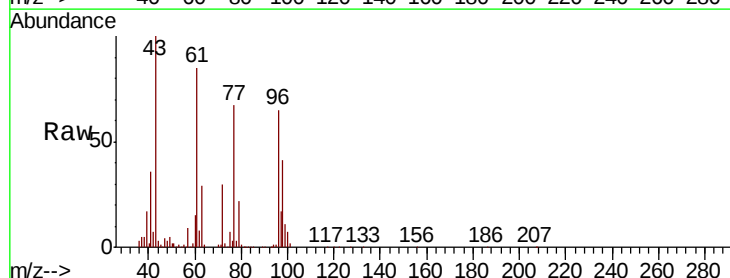
Acq: 05 Sep 2018 01:44

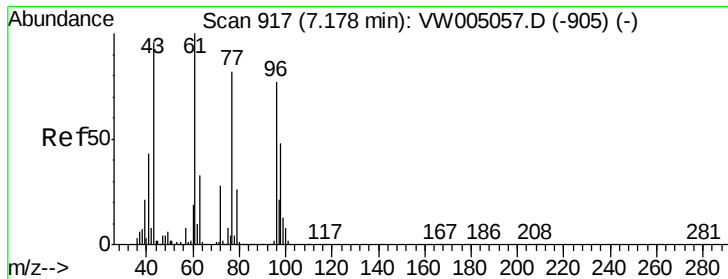
Tgt Ion: 77 Resp: 276199

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





#27

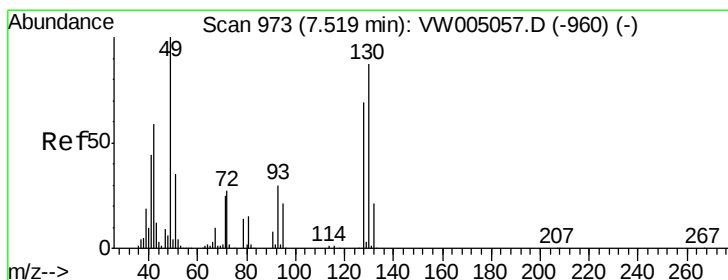
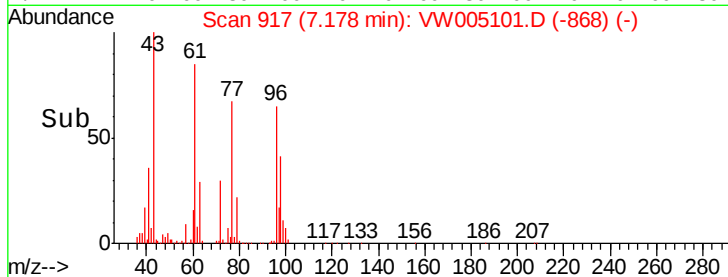
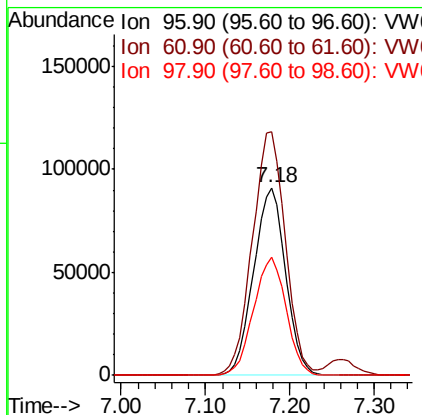
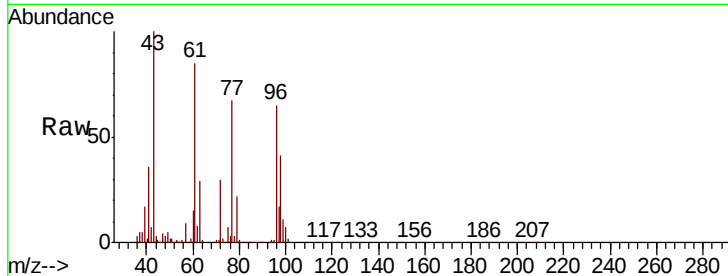
cis-1,2-Dichloroethene
 Concen: 47.49 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	236571		
61	134.3	0.0	273.2	
98	63.9	0.0	127.8	

Manual Integrations
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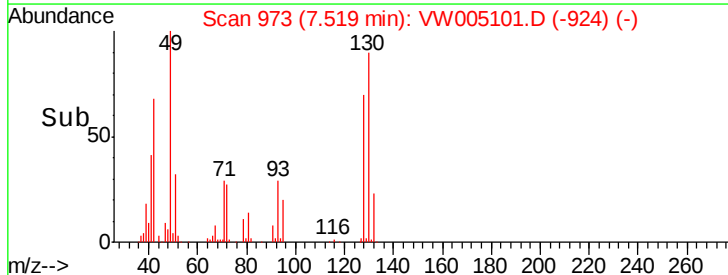
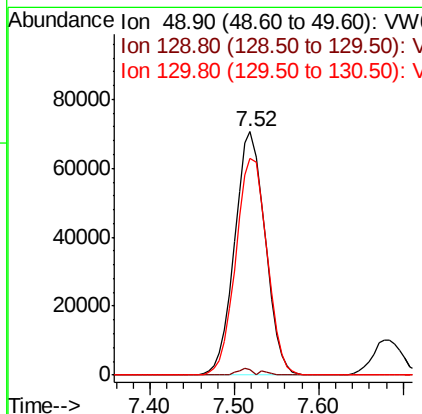
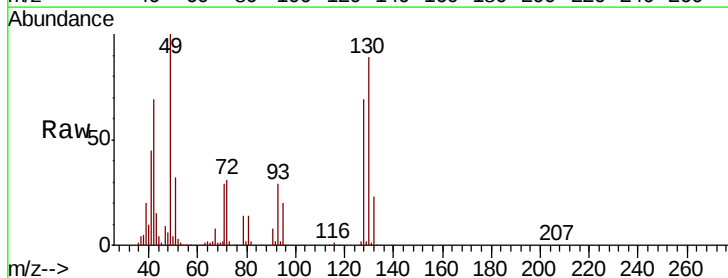
apatel
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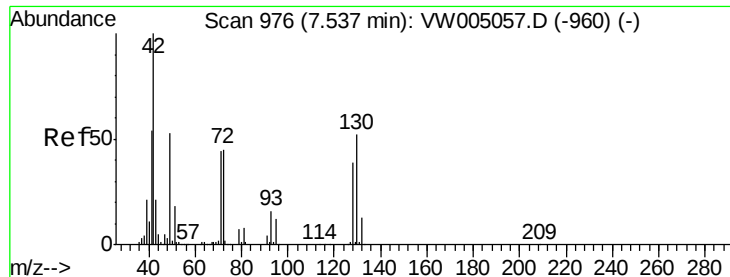


#28

Bromochloromethane
 Concen: 55.87 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	172799		
129	1.3	0.0	4.4	
130	91.1	69.6	104.4	





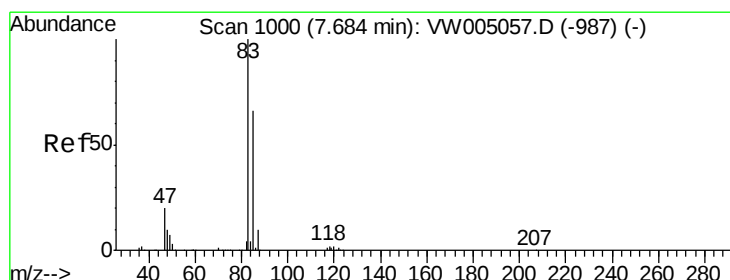
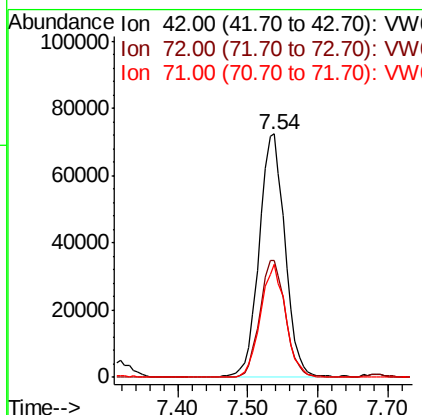
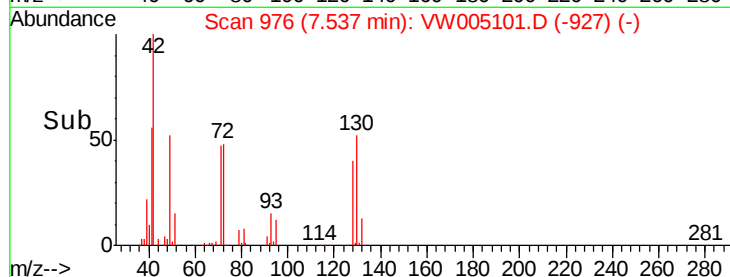
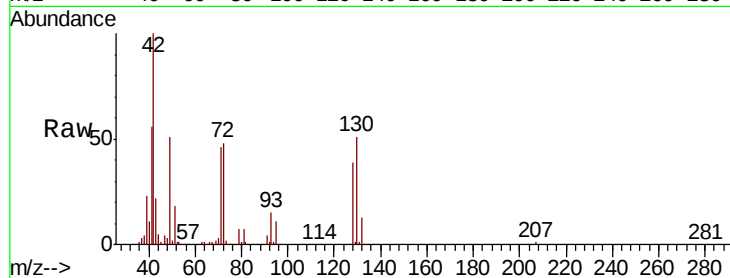
#29
Tetrahydrofuran
Concen: 273.46 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.0	55.4
71	45.1	35.0	52.6

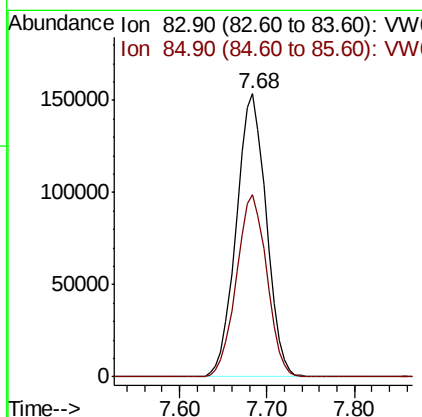
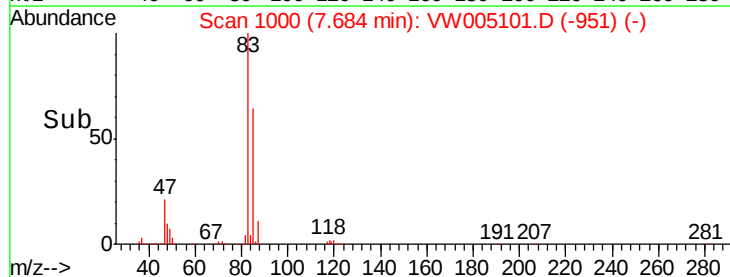
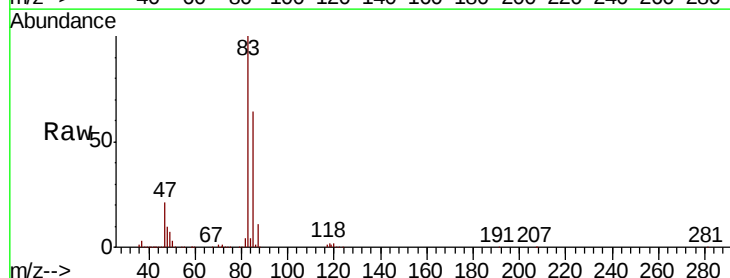
Manual Integrations
APPROVED

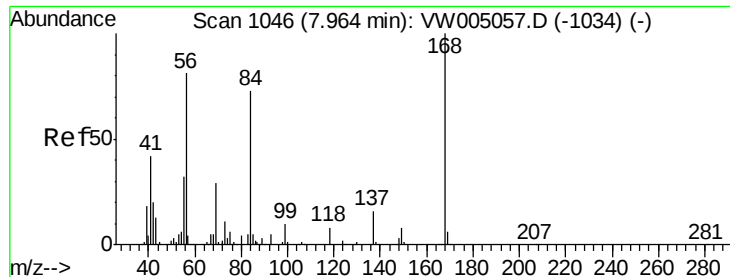
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#30
Chloroform
Concen: 46.71 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.1	79.7





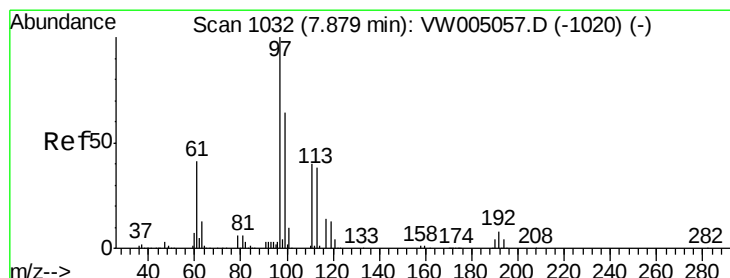
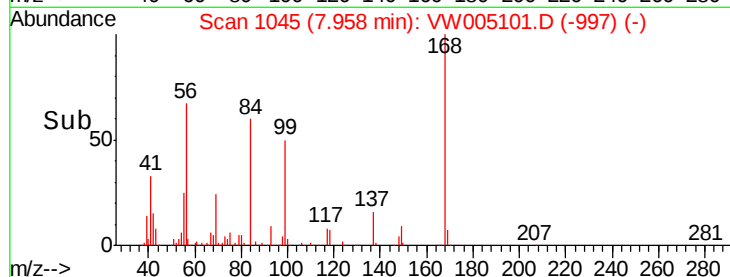
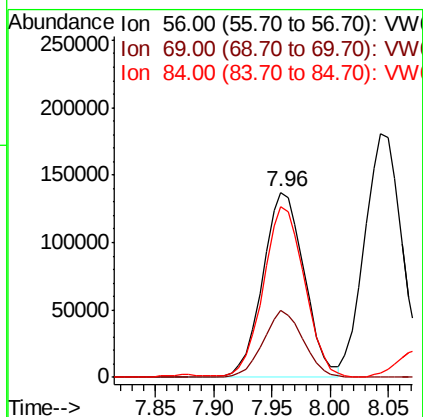
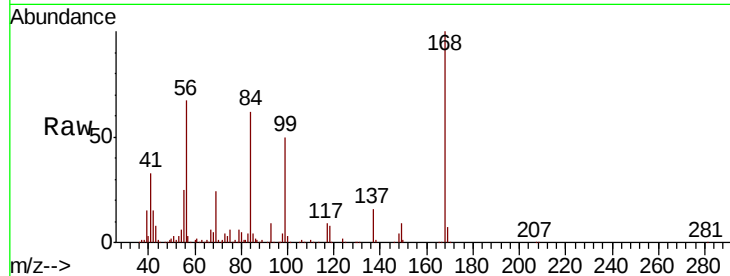
#31
Cyclohexane
Concen: 45.22 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	28.2	42.2
84	91.2	71.8	107.8

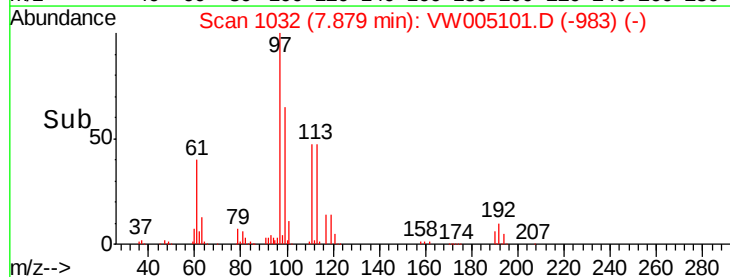
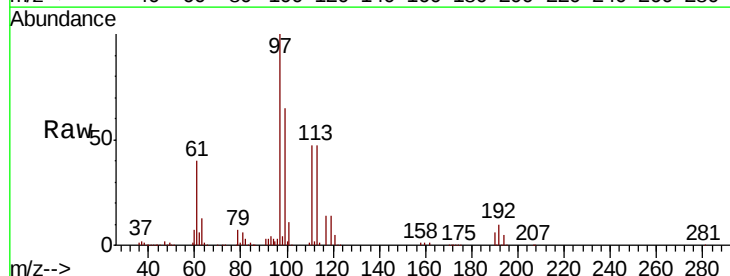
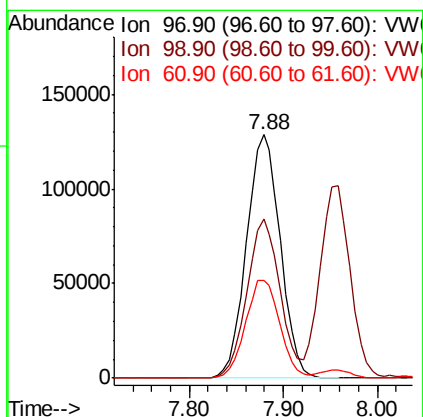
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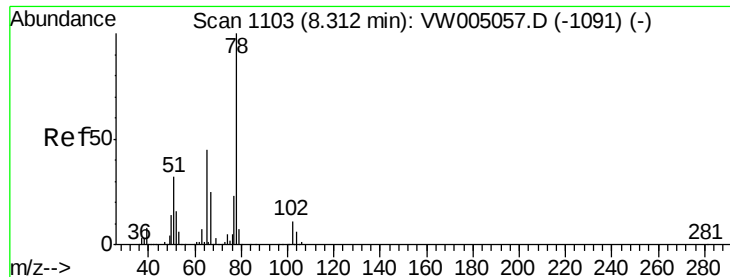
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#32
1,1,1-Trichloroethane
Concen: 47.37 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	41.1	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 49.11 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 188153

Ion Ratio Lower Upper

65 100

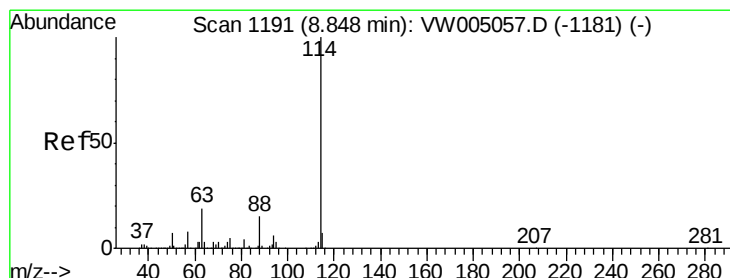
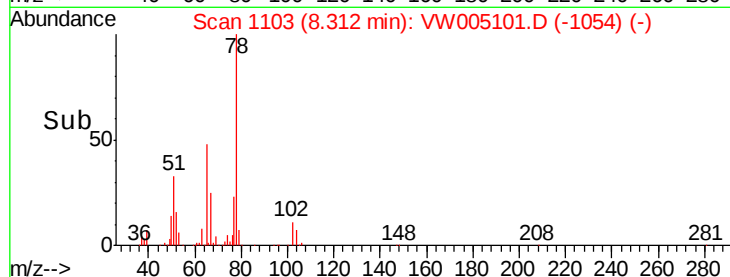
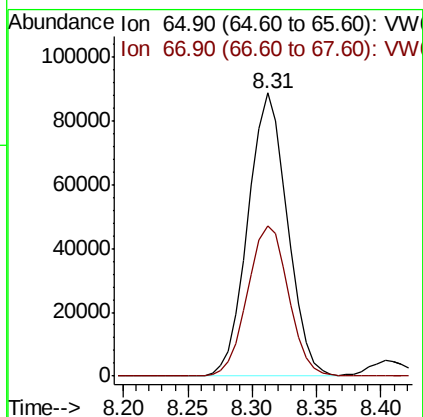
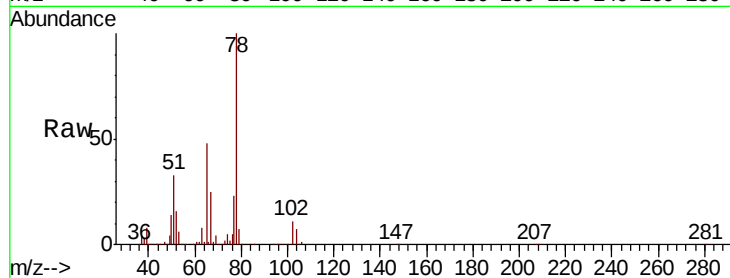
67 55.0 0.0 109.4

Manual Integrations

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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: VW005101.D

Acq: 05 Sep 2018 01:44

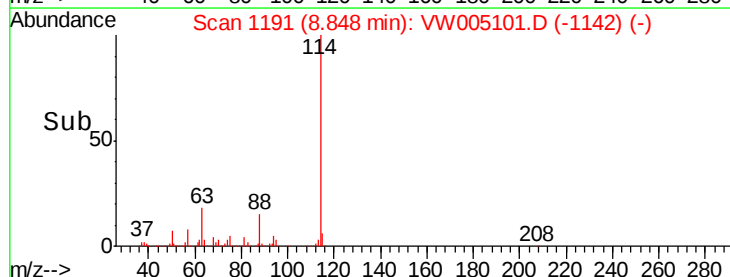
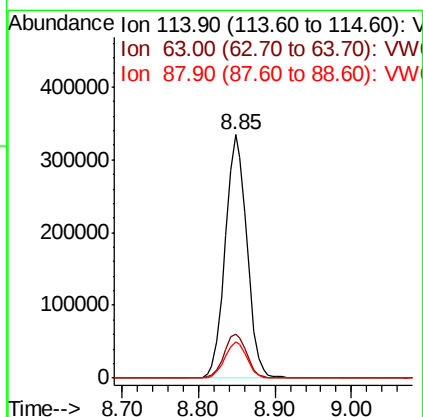
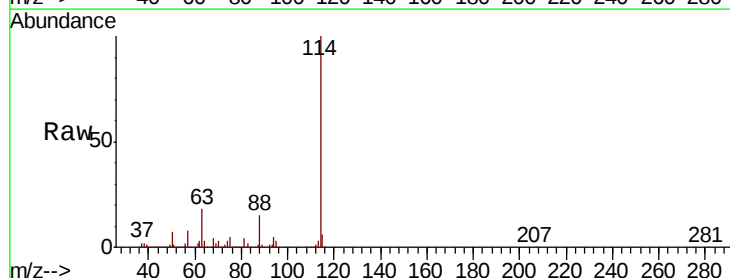
Tgt Ion: 114 Resp: 653433

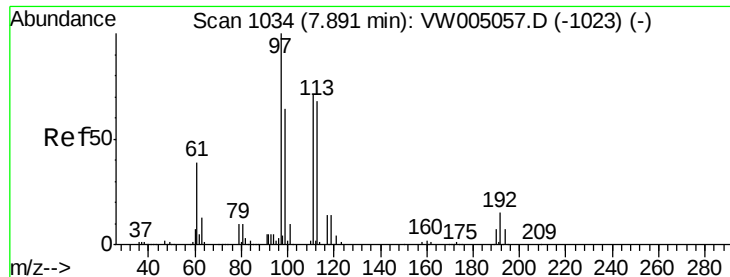
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.0

88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.27 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

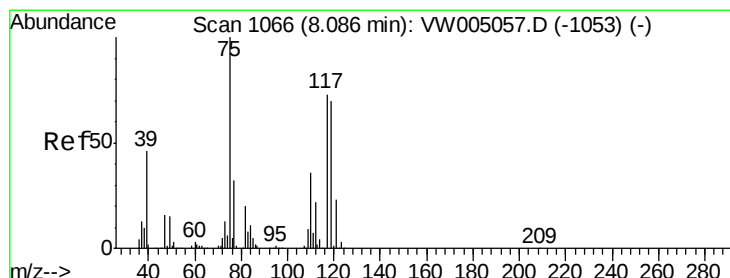
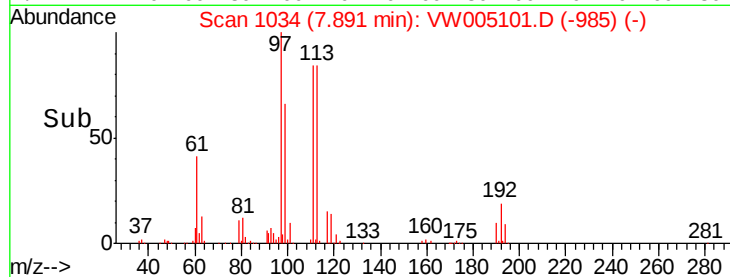
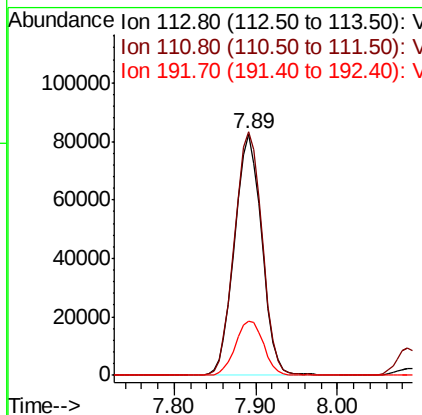
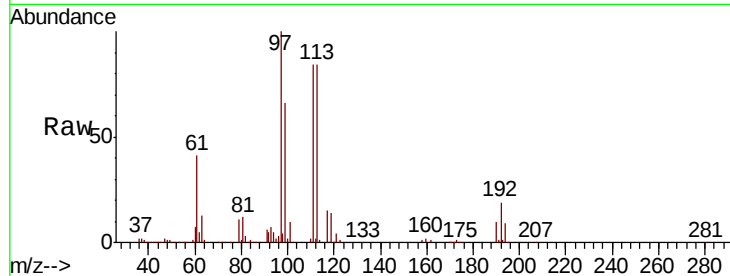
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	189836
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.2	123.2
192	23.2	18.1	27.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.00 ug/l

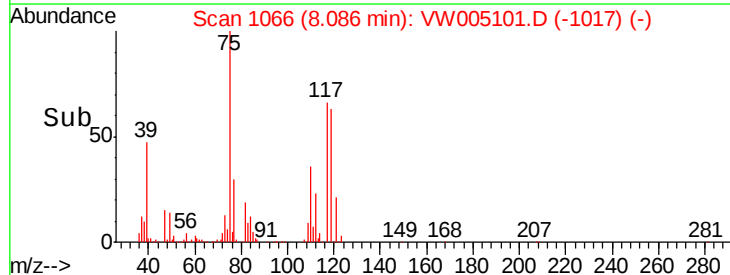
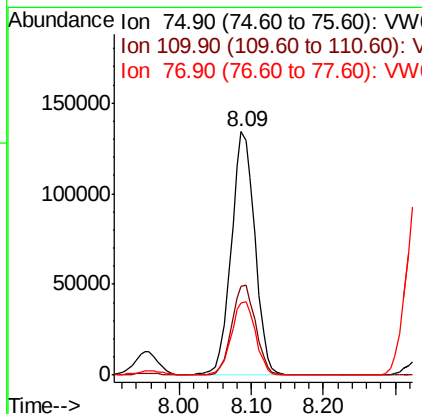
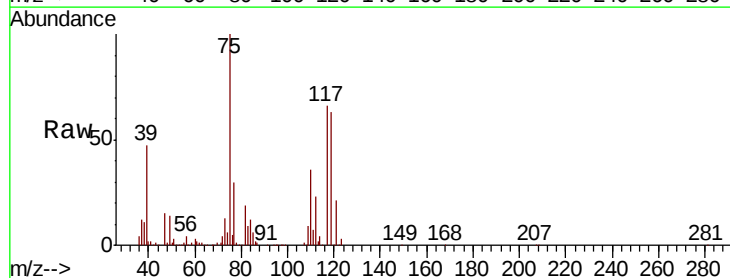
RT: 8.09 min Scan# 1066

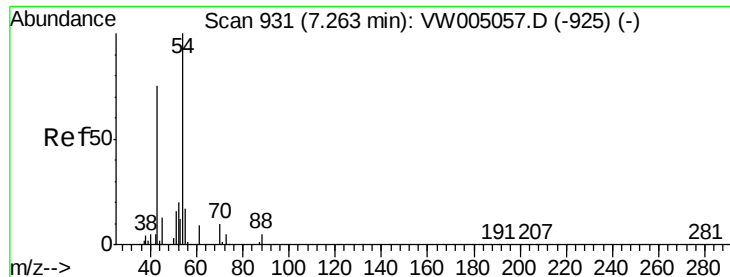
Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion:	75	Resp:	304969
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.9	56.7
77	31.1	25.5	38.3





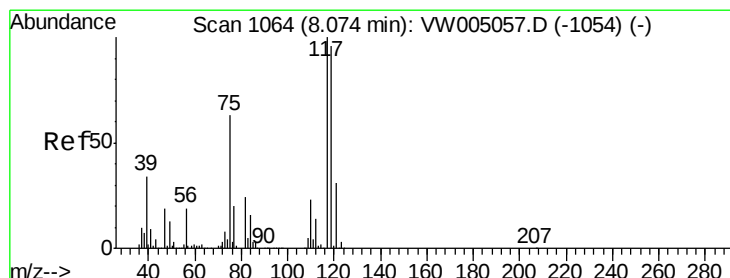
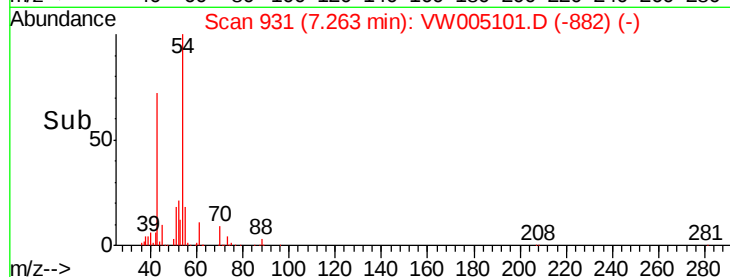
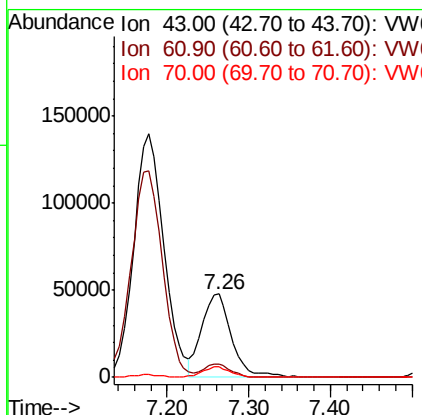
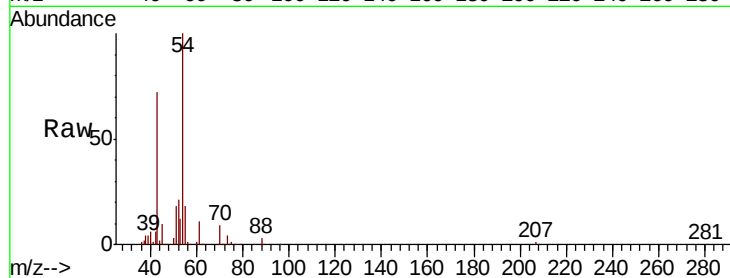
#37
Ethyl Acetate
Concen: 52.66 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	11.9	9.4	14.2

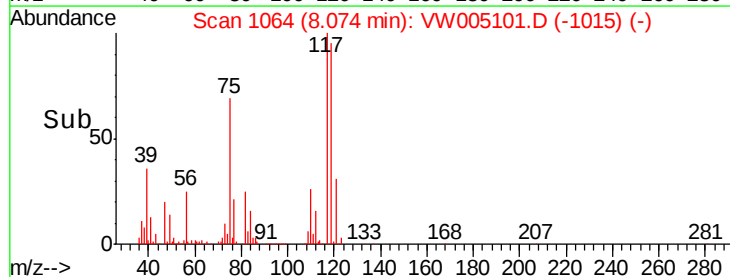
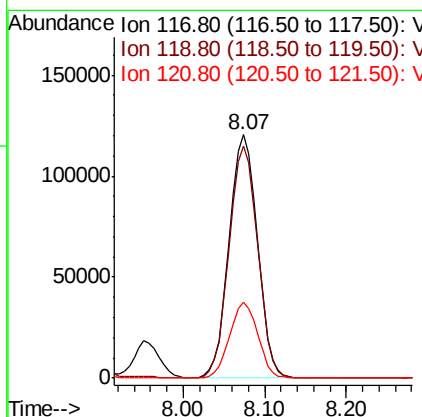
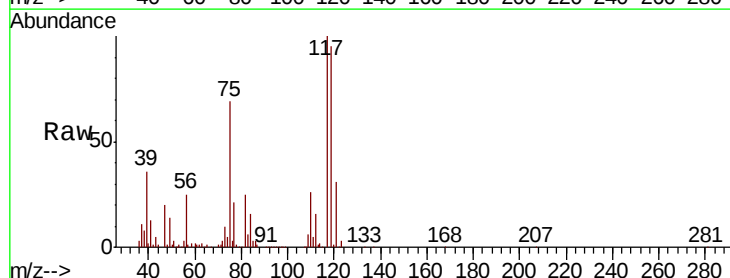
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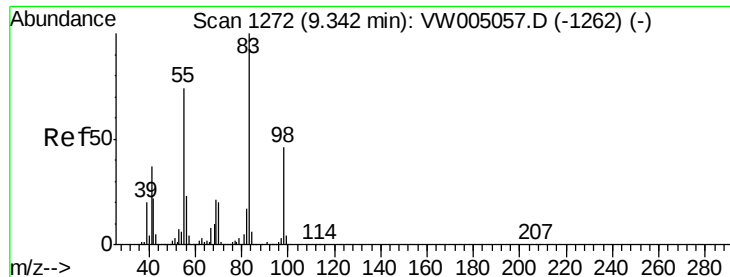
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#38
Carbon Tetrachloride
Concen: 48.82 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	115.0
121	31.3	24.8	37.2





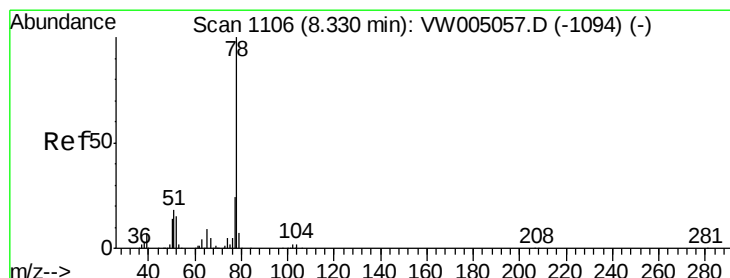
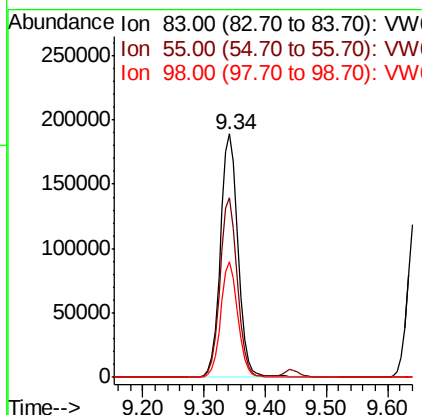
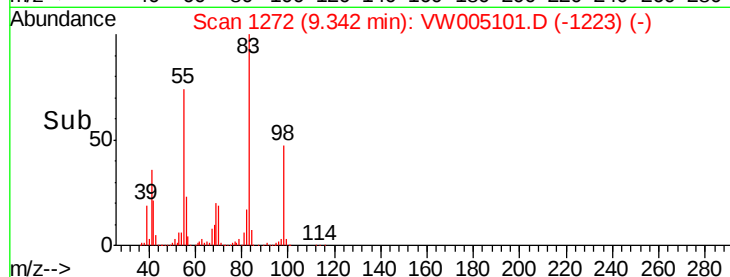
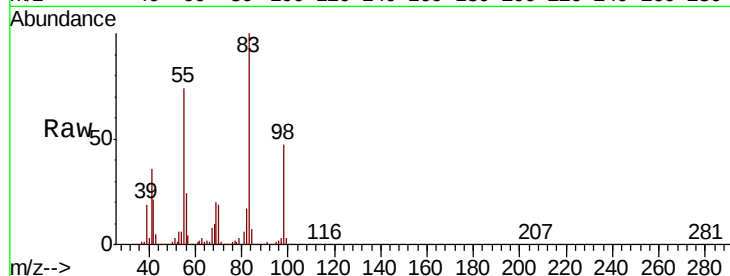
#39
Methvlcvclohexane
Concen: 50.38 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	58.9	88.3
98	47.4	36.8	55.2

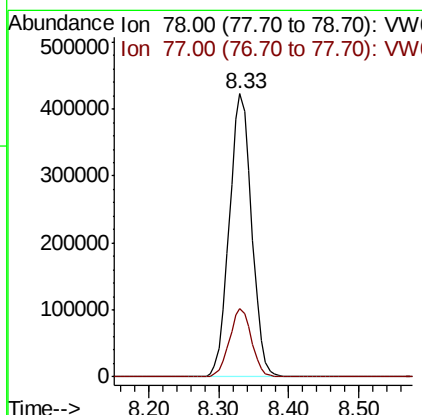
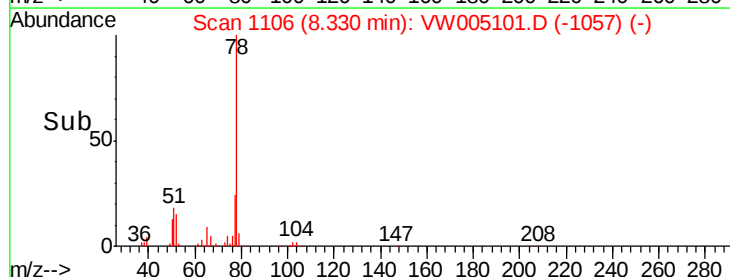
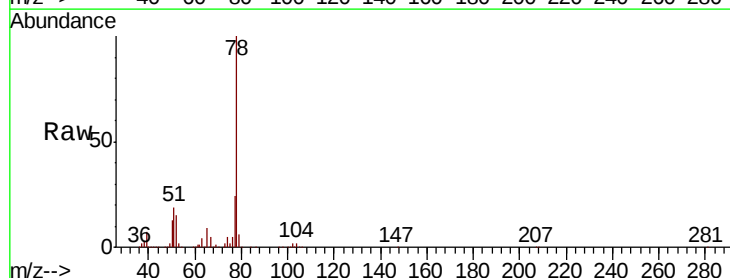
Manual Integrations
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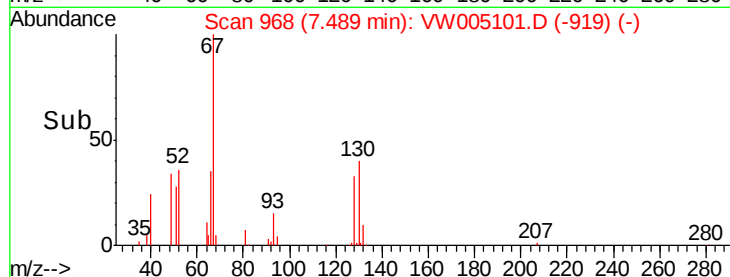
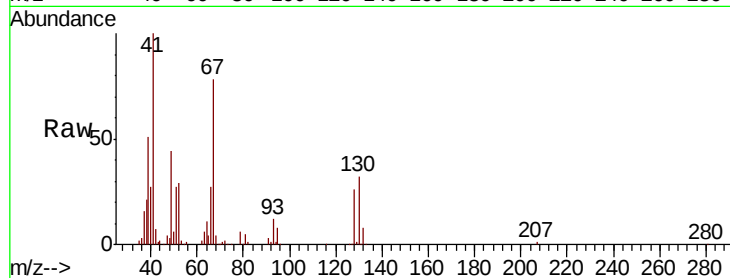
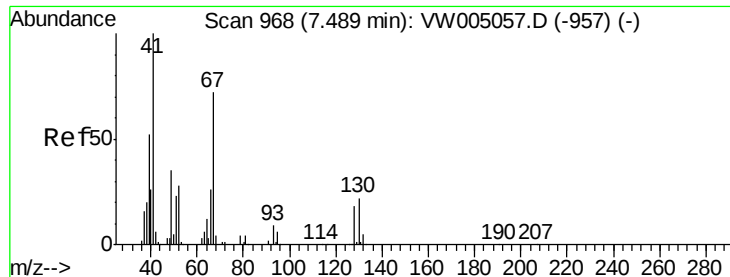
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#40
Benzene
Concen: 49.32 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





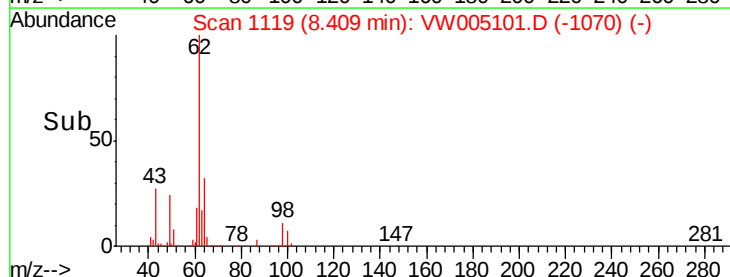
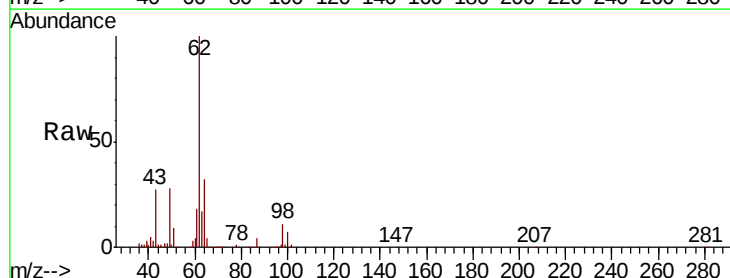
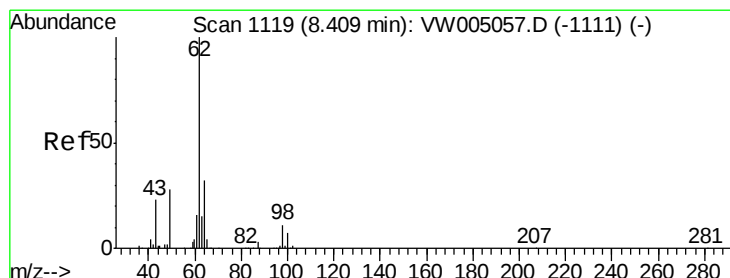
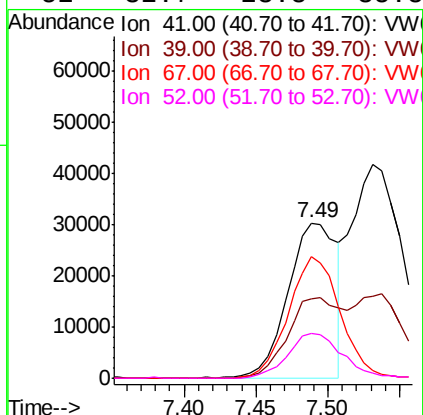
#41
Methacrylonitrile
Concen: 53.14 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tot Ion	41	Resp	71660
Ion	Ratio	Lower	Upper
41	100		
39	58.3	41.8	62.8
67	83.2	60.4	90.6
52	32.7	23.8	35.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

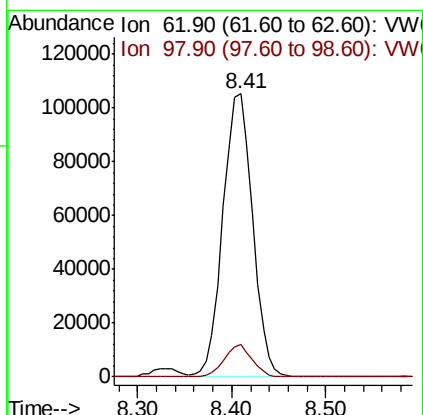
Manual Integrations
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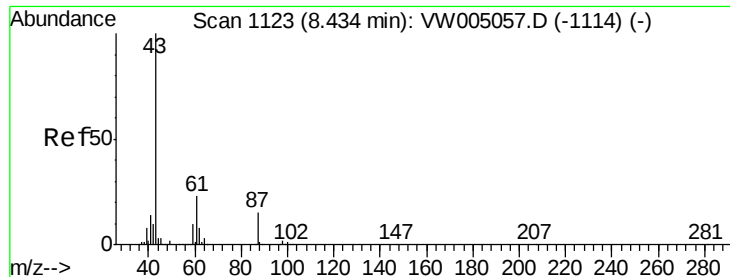
apatel
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#42
1,2-Dichloroethane
Concen: 49.57 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	62	Resp	231115
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.8





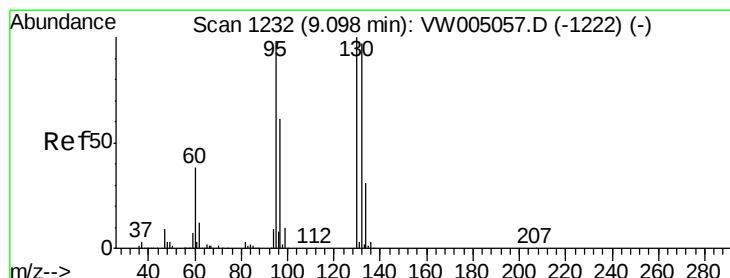
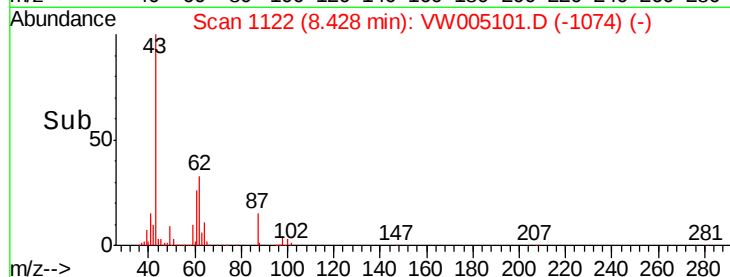
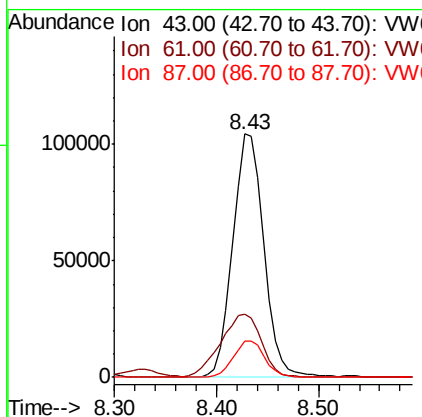
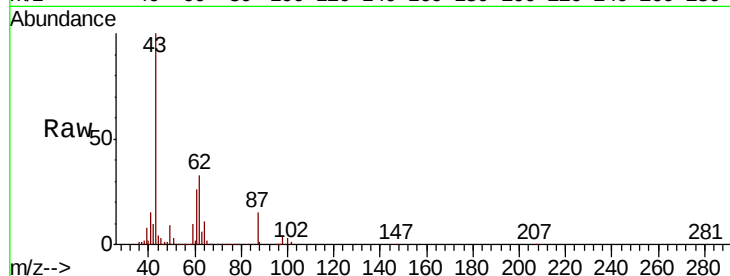
#43
Isopropyl Acetate
Concen: 51.77 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.7	26.8	40.2
87	15.3	11.6	17.4

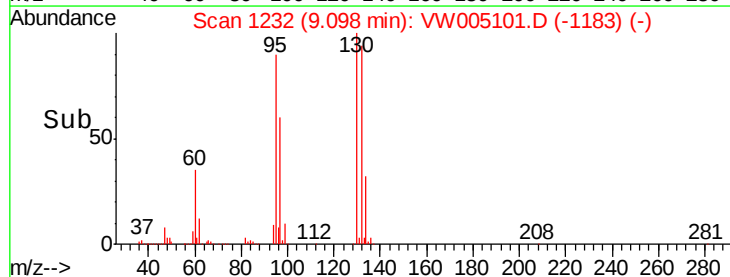
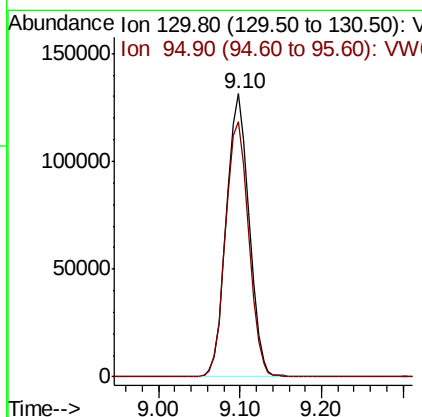
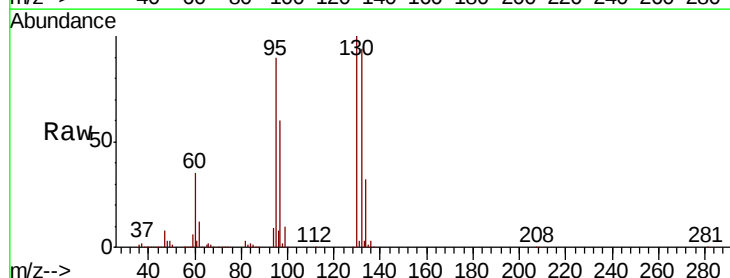
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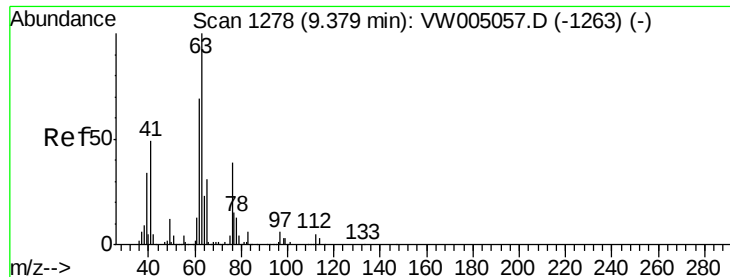
apatel
9/5/2018 10:02:52 AM



#44
Trichloroethene
Concen: 49.11 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	195.2





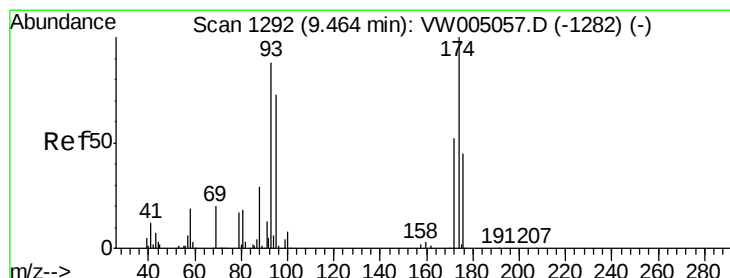
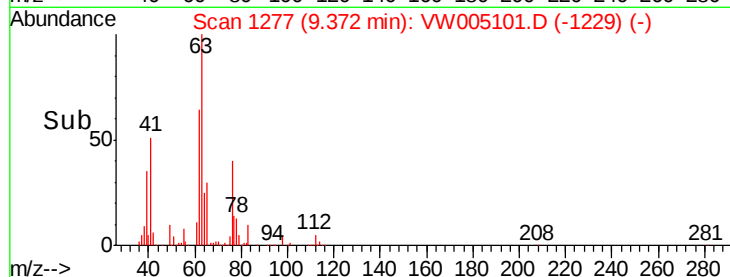
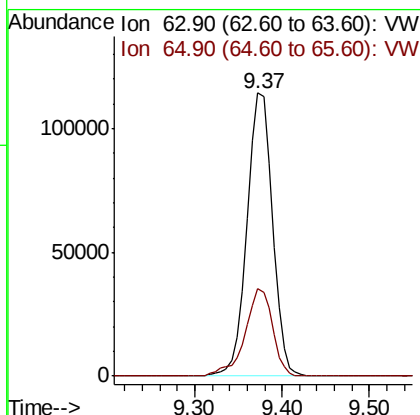
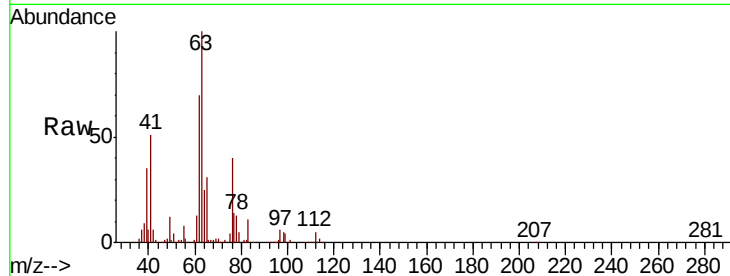
#45
 1,2-Dichloropropane
 Concen: 49.66 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	37.0

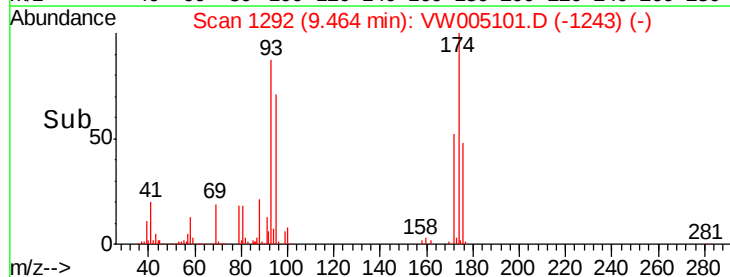
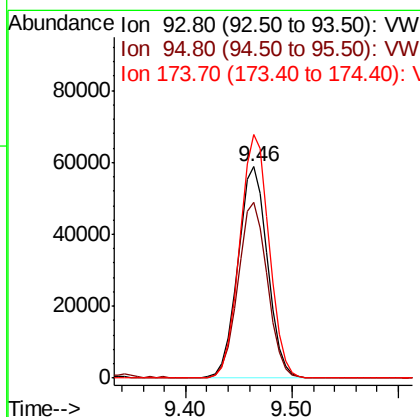
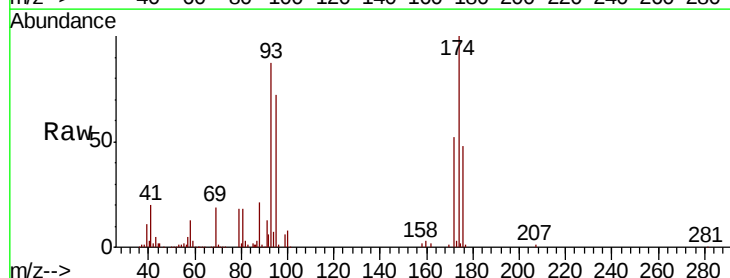
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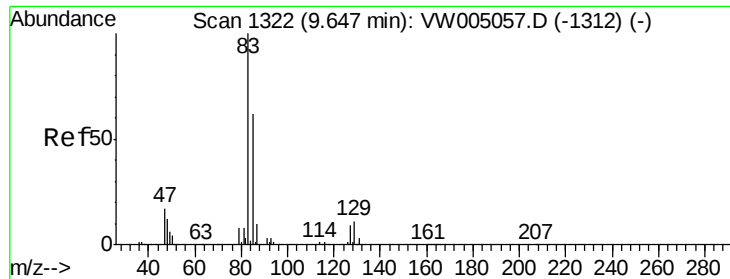
apatel
 9/5/2018 10:02:52 AM



#46
 Dibromomethane
 Concen: 51.53 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.2	99.4
174	114.5	92.0	138.0





#47

Bromodichloromethane

Concen: 50.08 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

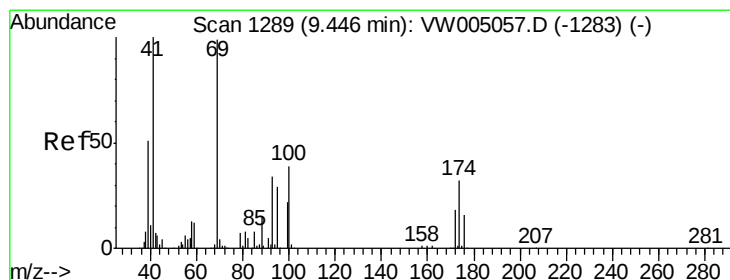
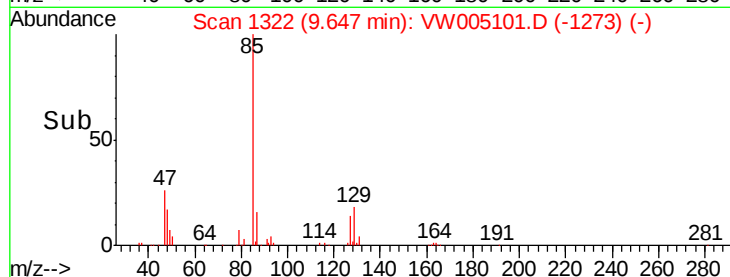
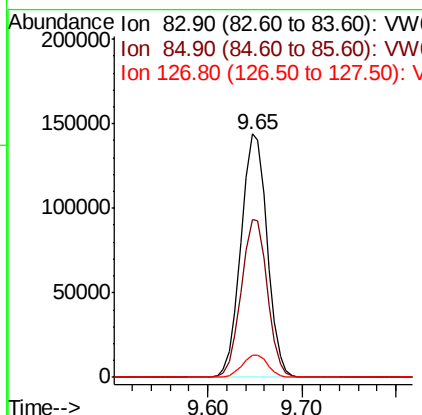
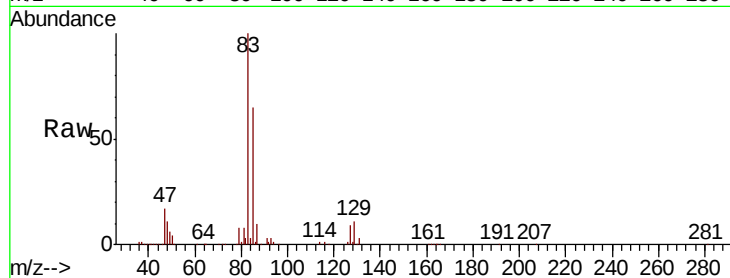
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	280640
Ion Ratio	Lower	Upper	
83	100		
85	64.6	49.8	74.6
127	8.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.53 ug/l

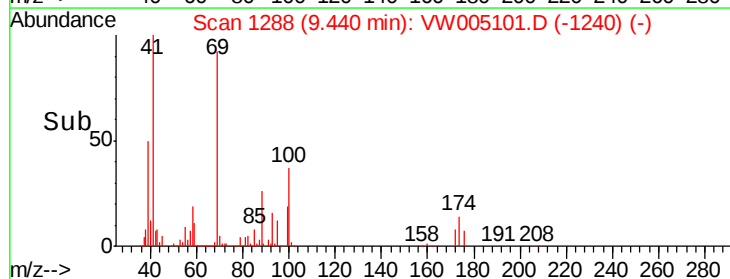
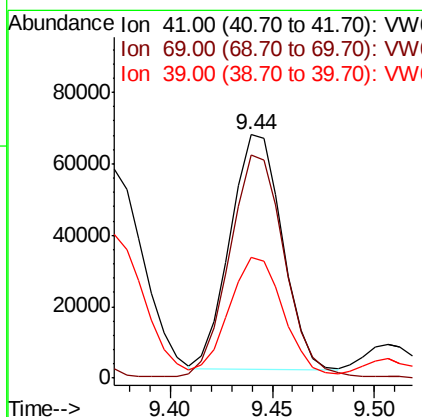
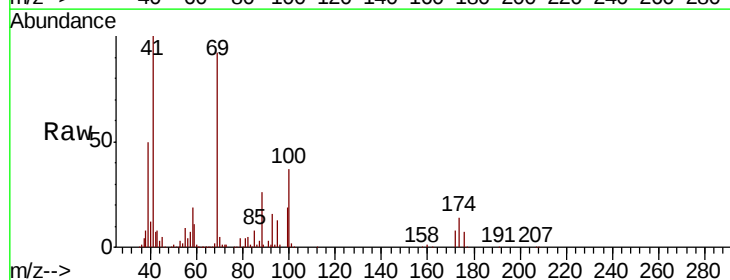
RT: 9.44 min Scan# 1288

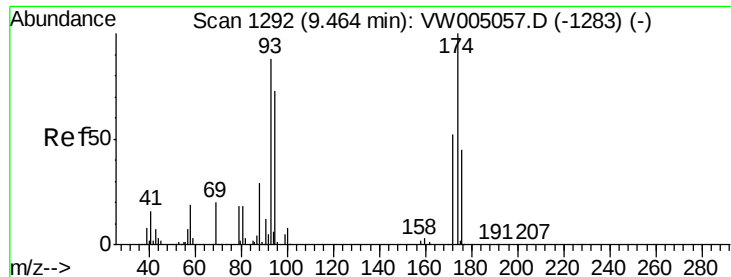
Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion:	41	Resp:	117313
Ion Ratio	Lower	Upper	
41	100		
69	100.9	80.4	120.6
39	54.4	43.5	65.3





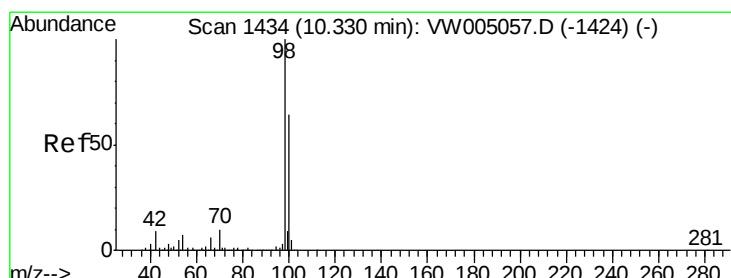
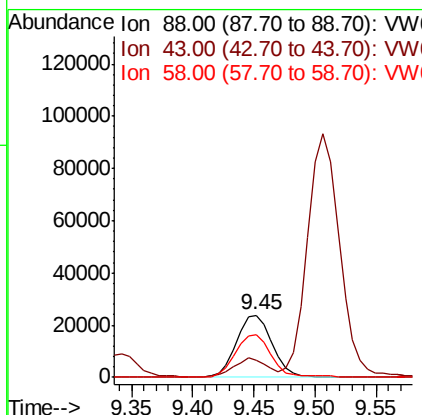
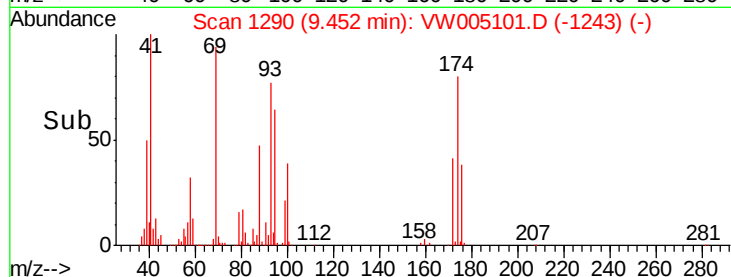
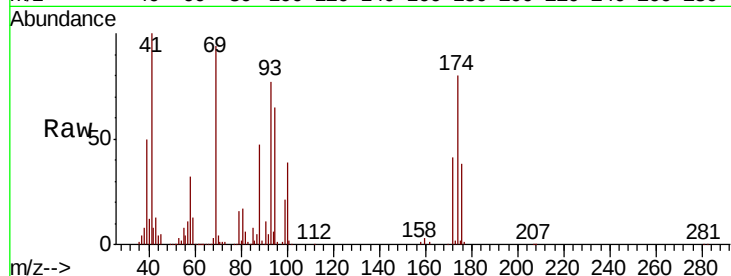
#49
1,4-Dioxane
Concen: 1339.85 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	48221
Ion Ratio	Lower	Upper	
88	100		
43	28.2	19.8	29.6
58	67.4	57.1	85.7

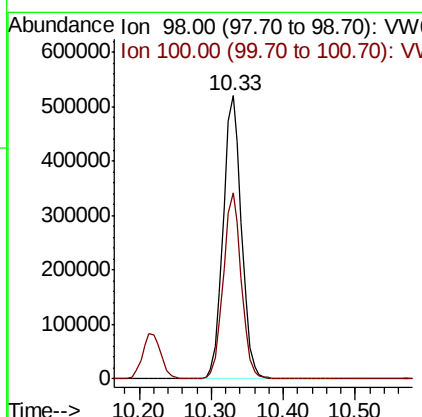
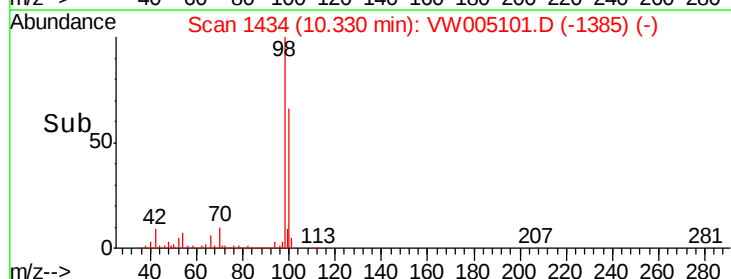
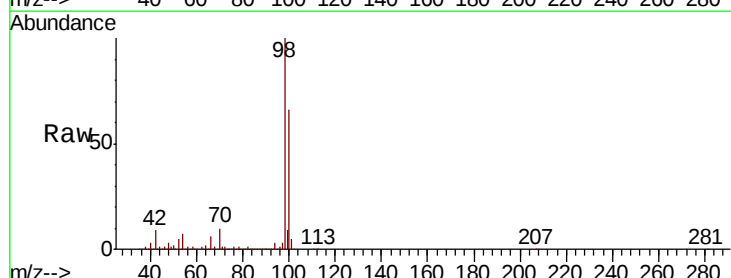
Manual Integrations
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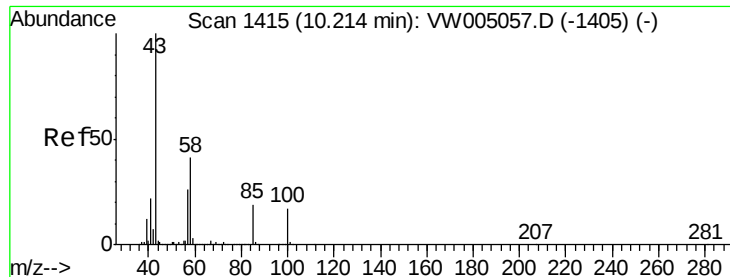
apatel
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#50
Toluene-d8
Concen: 53.07 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	98	Resp	923430
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 303.07 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 860224

Ion Ratio Lower Upper

43 100

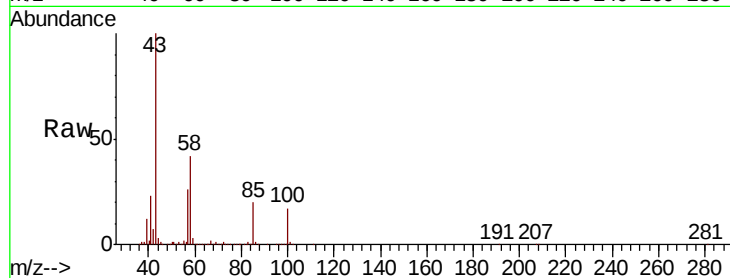
58 42.2 33.3 49.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

500000

400000

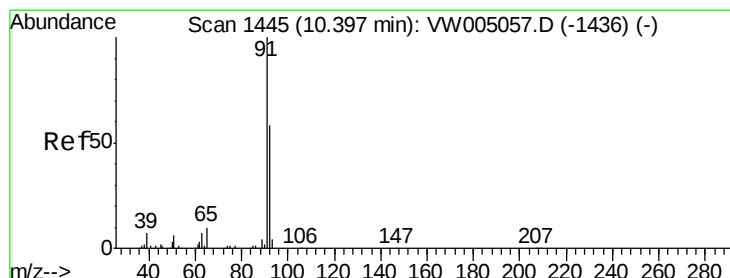
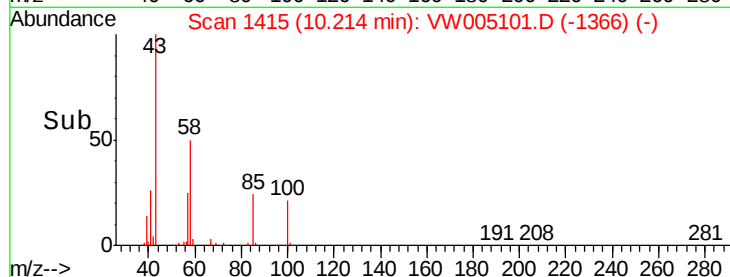
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.92 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005101.D

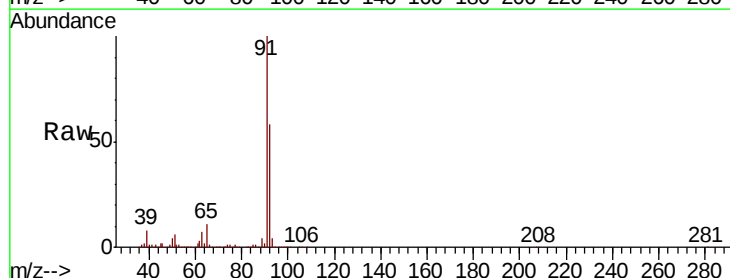
Acq: 05 Sep 2018 01:44

Tgt Ion: 92 Resp: 670246

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

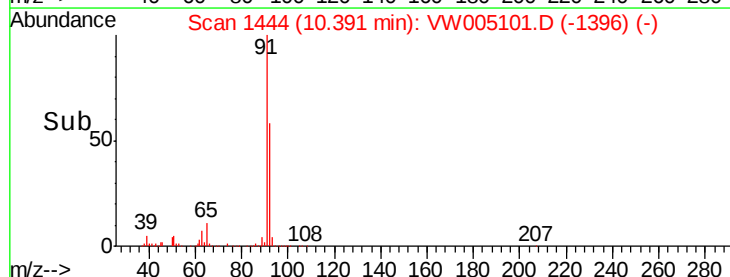
600000

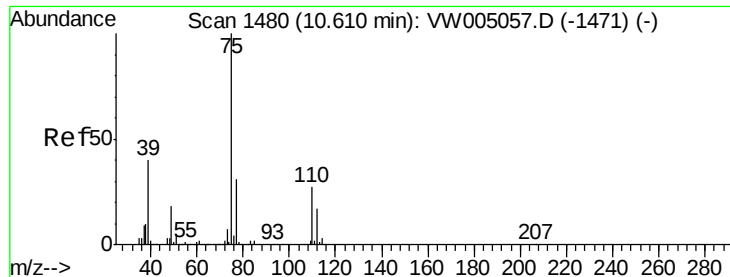
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.26 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 287743

Ion Ratio Lower Upper

75 100

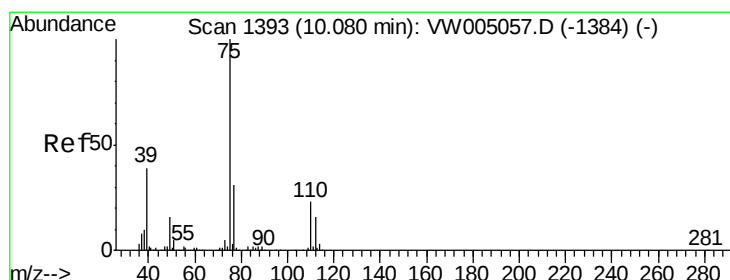
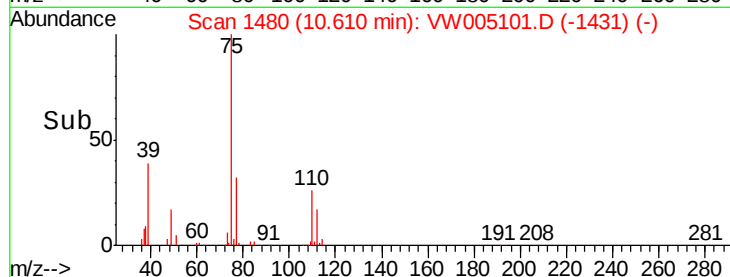
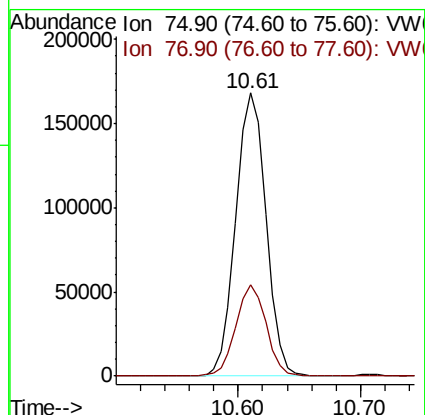
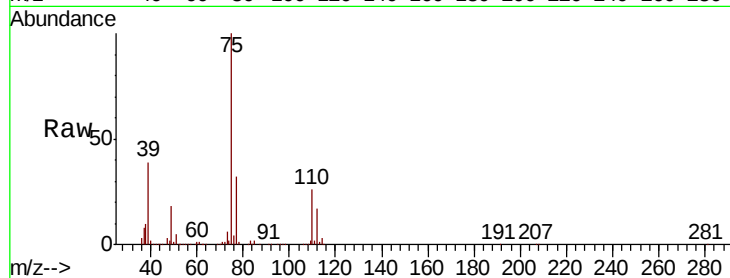
77 32.2 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.07 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

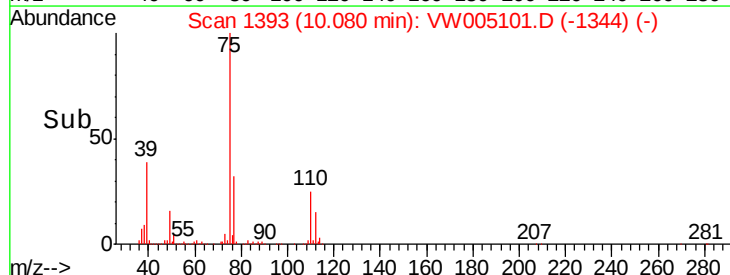
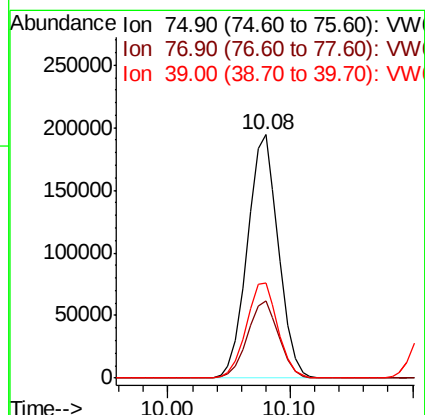
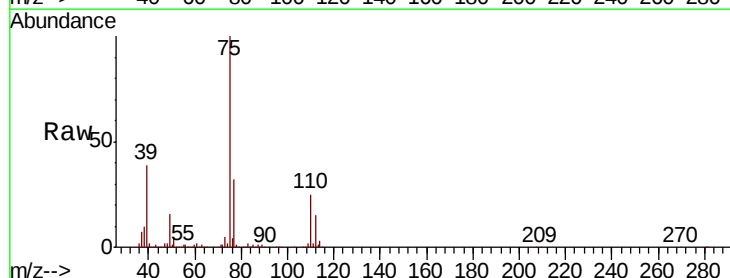
Tgt Ion: 75 Resp: 341973

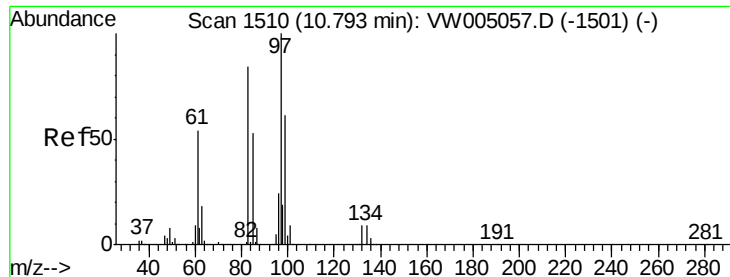
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 39.2 31.0 46.6





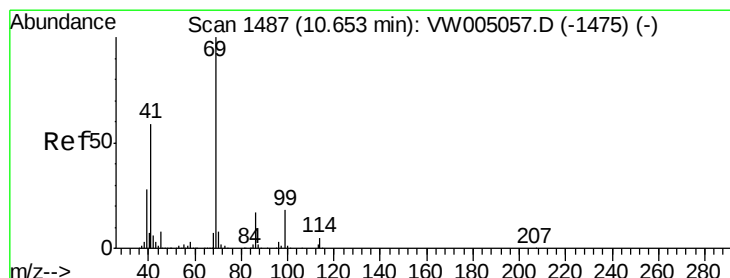
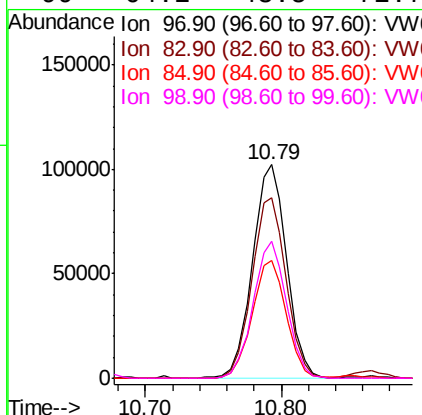
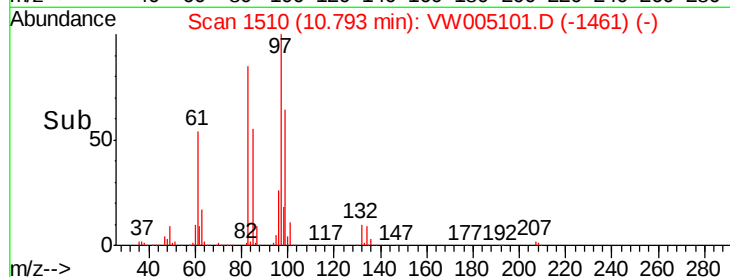
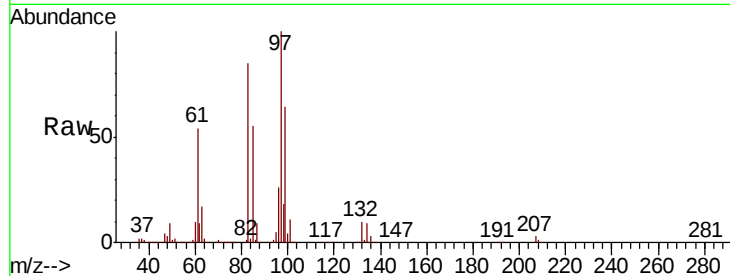
#55
 1,1,2-Trichloroethane
 Concen: 52.29 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		180182		
83	84.8	67.0	100.6		
85	54.9	42.3	63.5		
99	64.2	48.5	72.7		

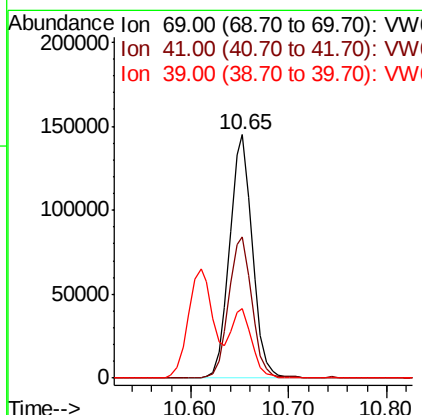
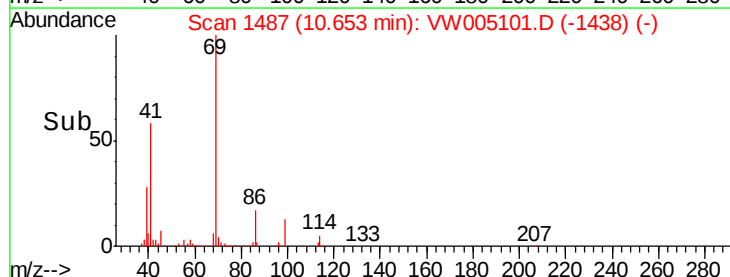
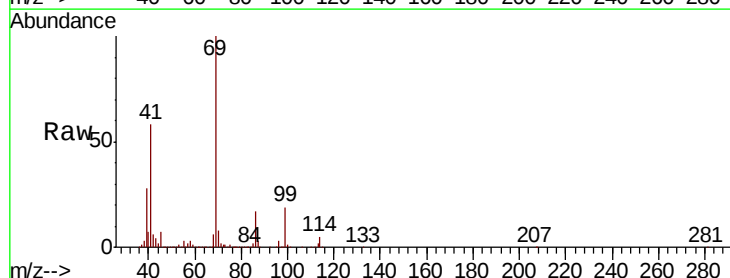
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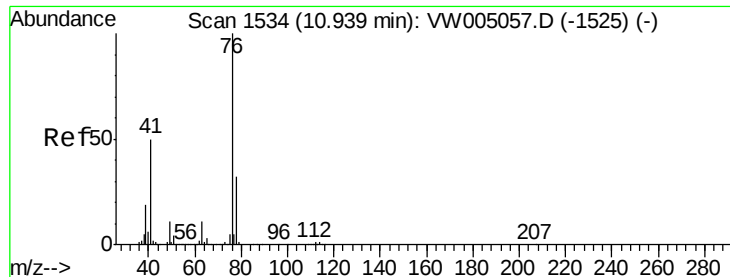
apatel
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#56
 Ethyl methacrylate
 Concen: 59.25 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		232915		
41	60.0	47.8	71.6		
39	25.9	21.1	31.7		





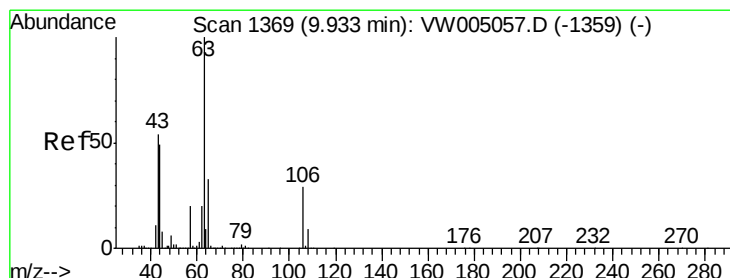
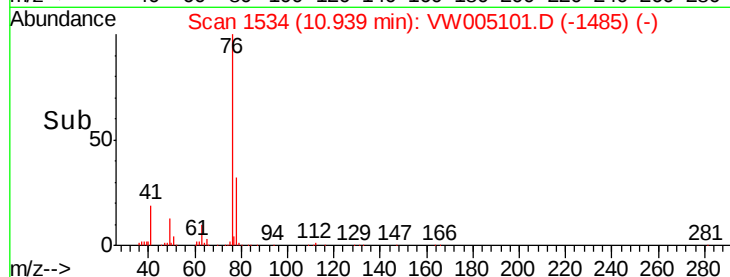
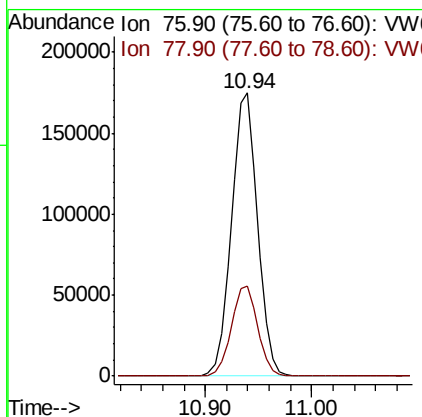
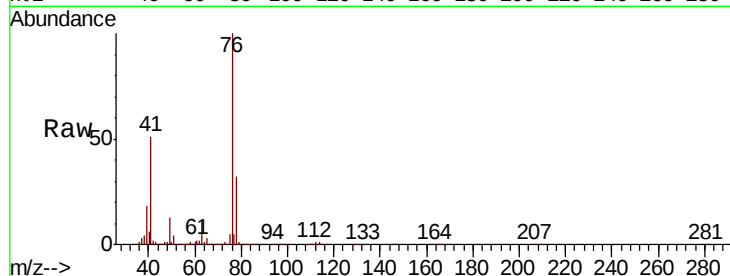
#57
 1,3-Dichloropropane
 Concen: 52.78 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.3	39.5

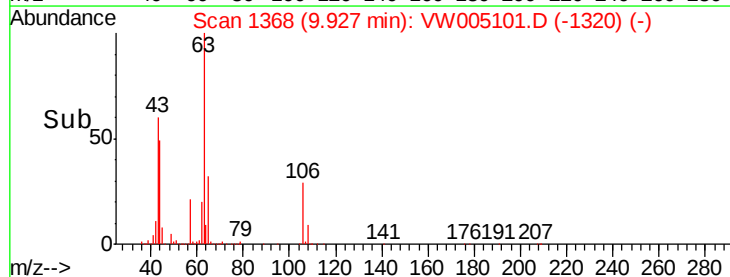
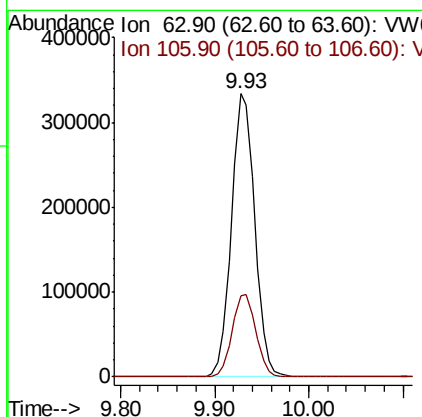
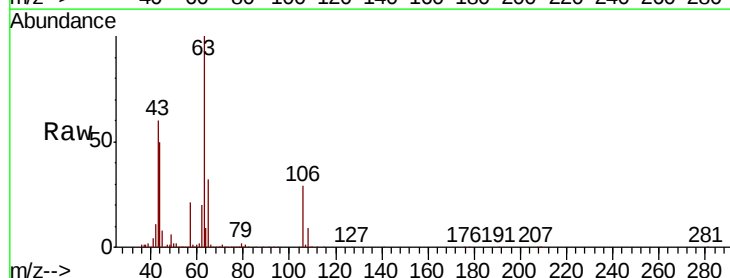
Manual Integrations
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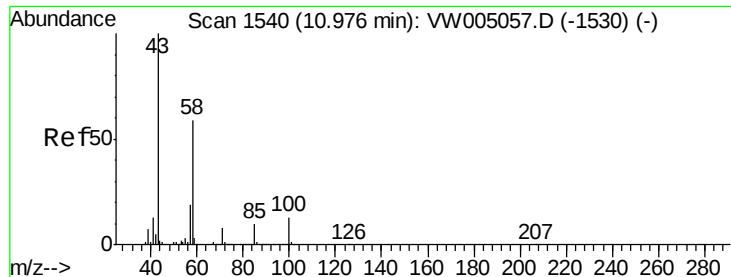
apatel
 9/5/2018 10:02:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 307.69 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.1	34.7





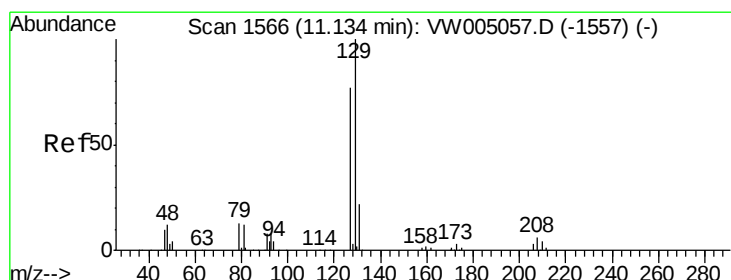
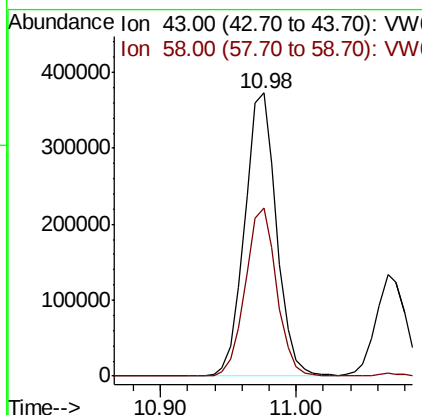
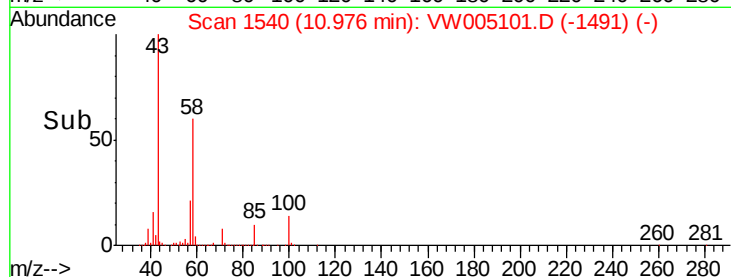
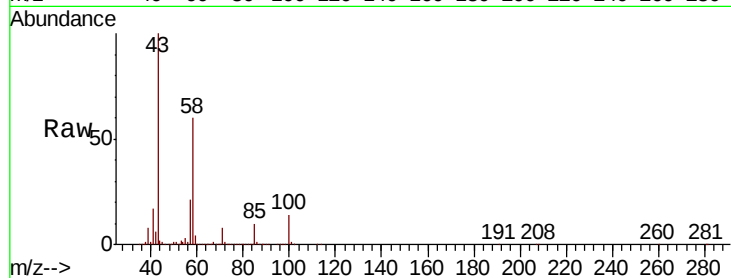
#59
2-Hexanone
Concen: 318.00 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 610481
Ion Ratio Lower Upper
43 100
58 58.6 28.7 86.3

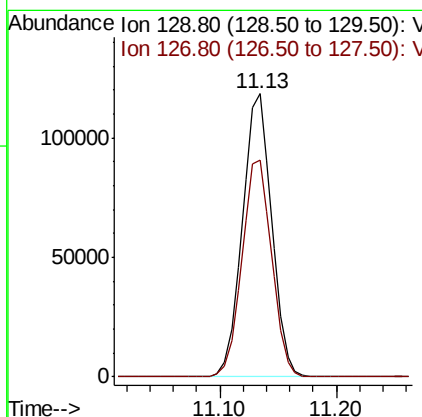
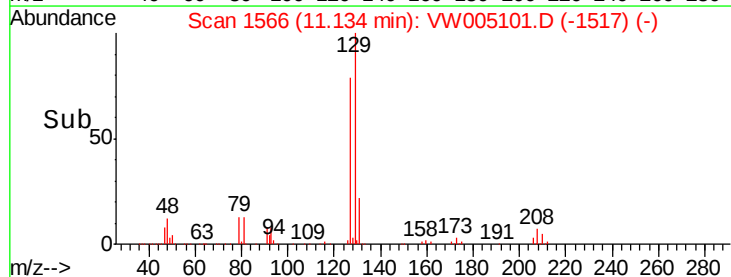
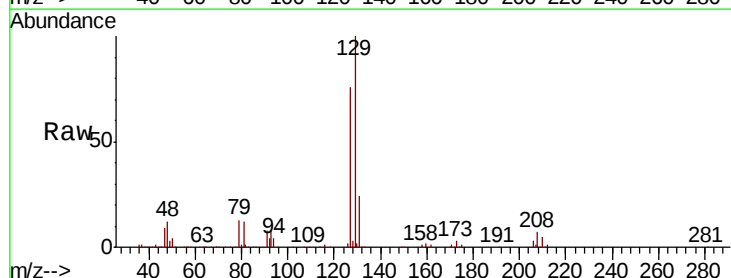
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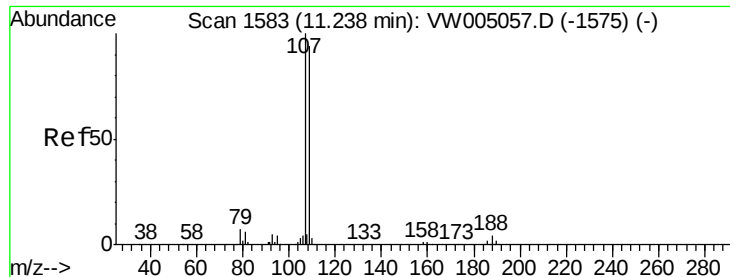
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#60
Dibromochloromethane
Concen: 53.37 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion: 129 Resp: 207888
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





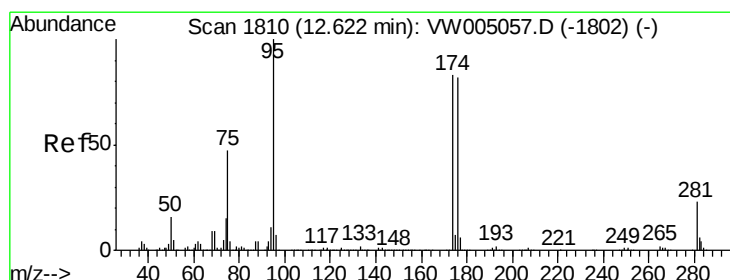
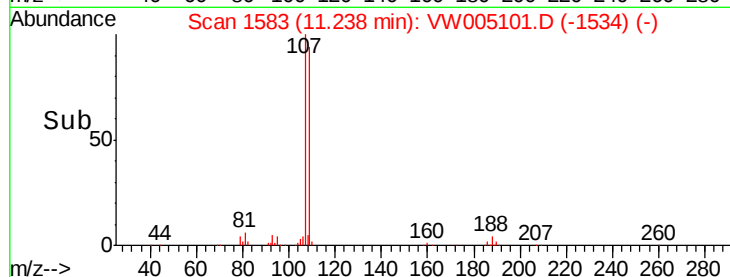
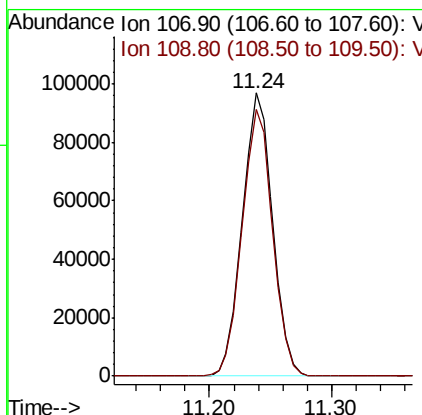
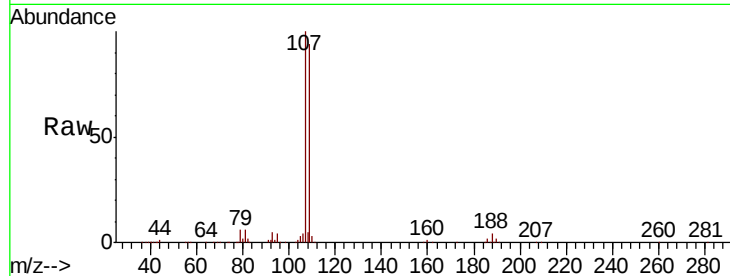
#61
 1,2-Dibromoethane
 Concen: 53.58 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.9	113.9

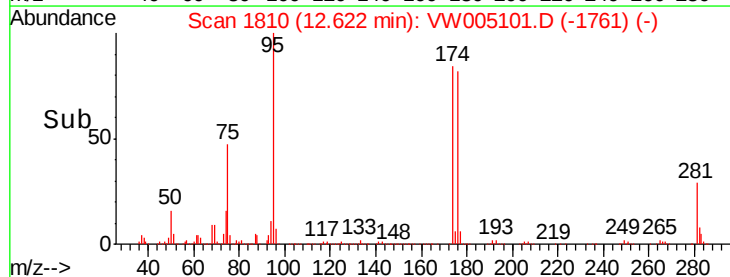
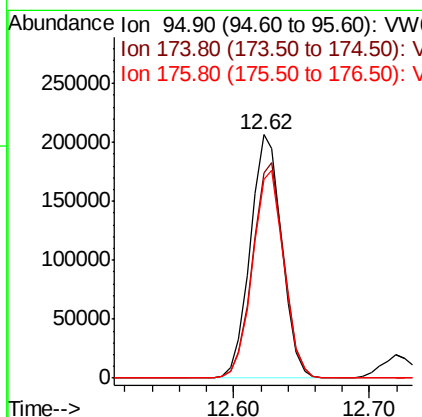
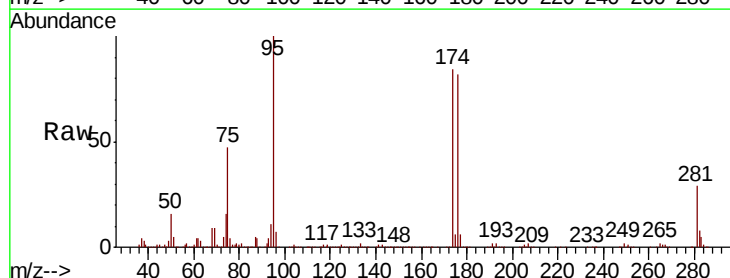
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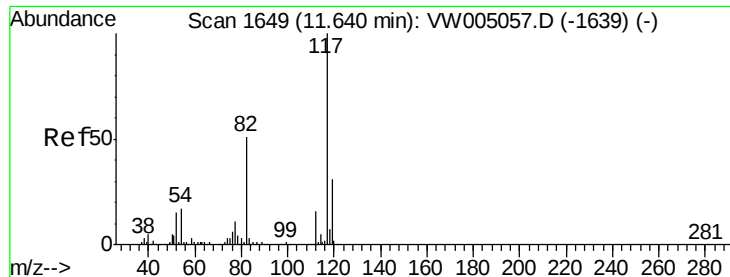
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.71 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	173.4
176	84.8	0.0	167.4





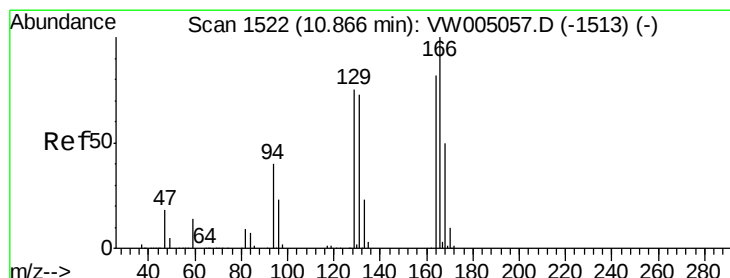
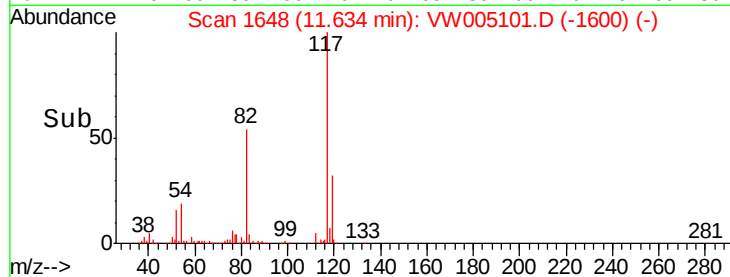
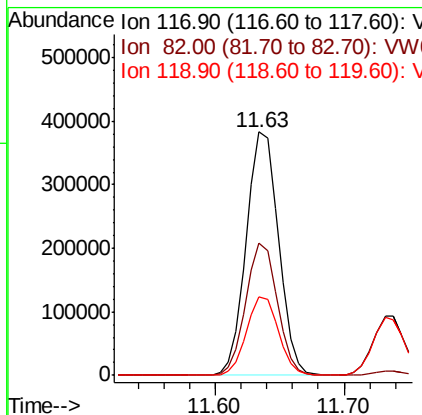
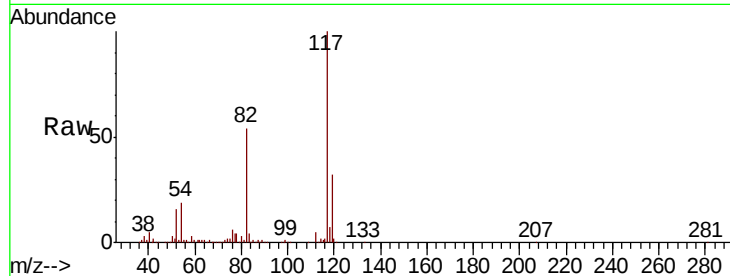
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	40.9	61.3
119	32.4	24.9	37.3

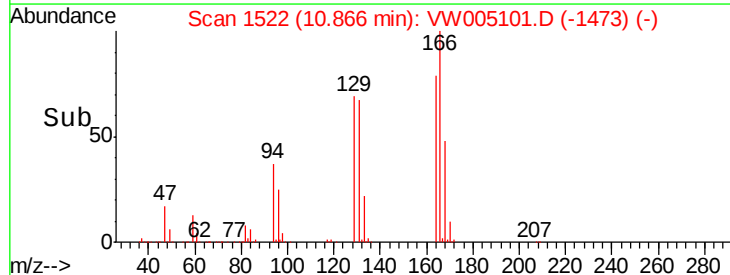
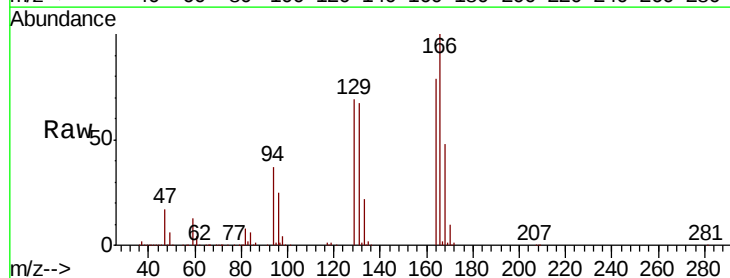
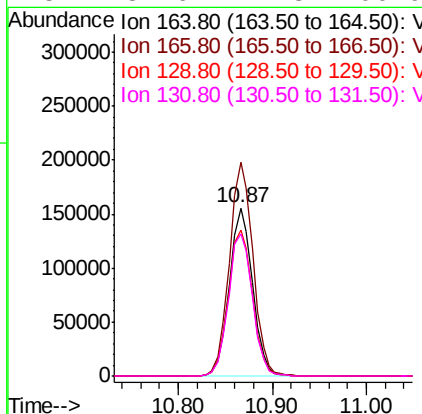
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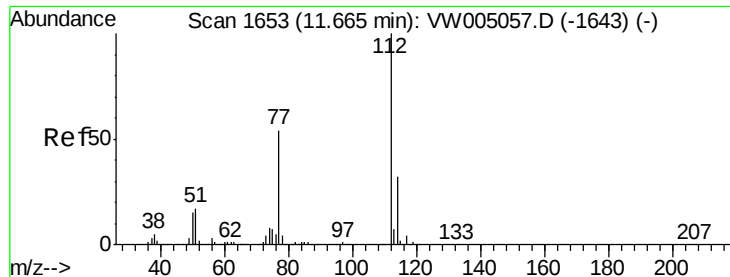
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#64
Tetrachloroethene
Concen: 51.00 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	97.3	145.9
129	87.0	73.1	109.7
131	84.6	71.3	106.9





#65

Chlorobenzene

Concen: 50.12 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 748370

Ion Ratio Lower Upper

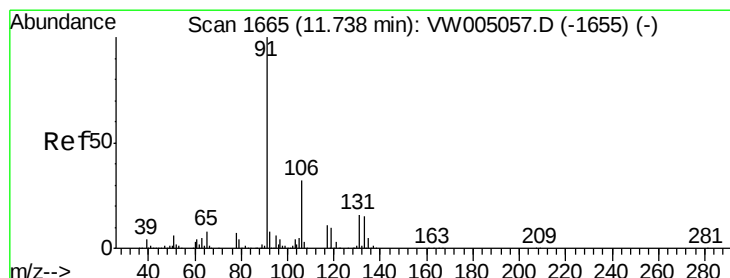
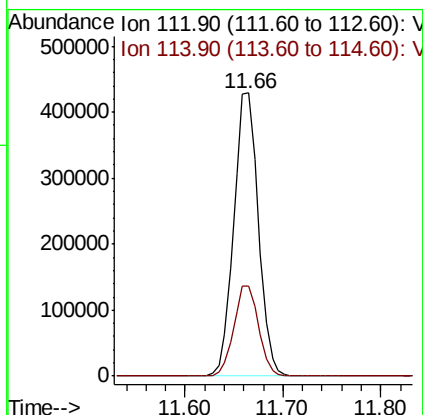
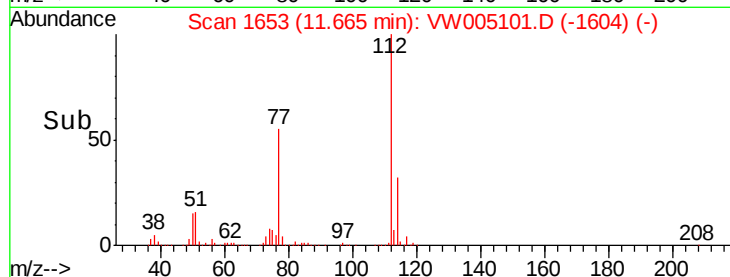
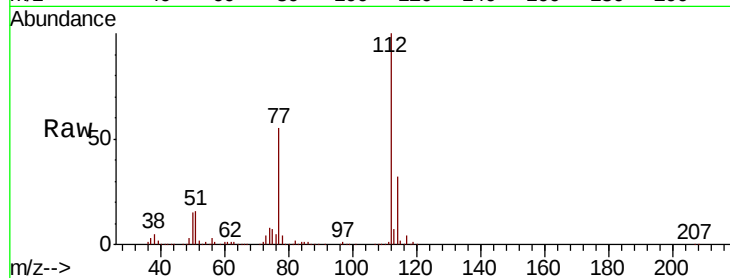
112 100

114 31.9 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.94 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

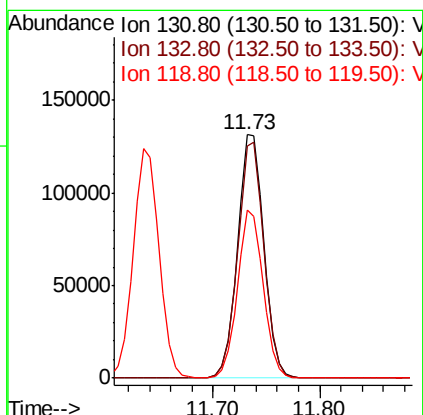
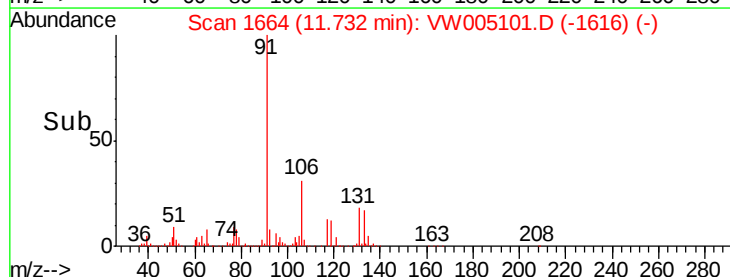
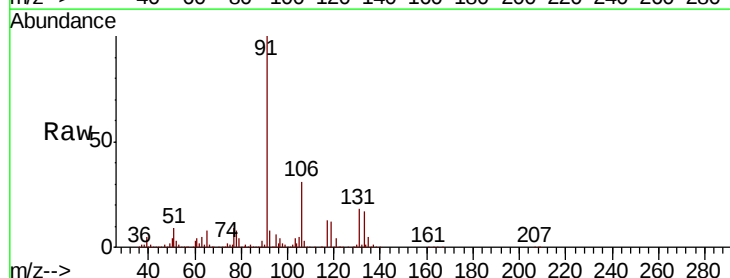
Tgt Ion:131 Resp: 227839

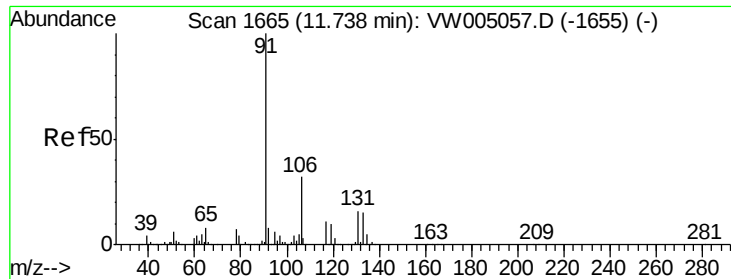
Ion Ratio Lower Upper

131 100

133 96.4 47.4 142.3

119 67.7 33.4 100.1





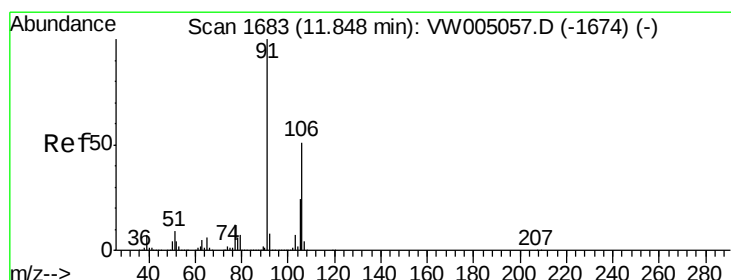
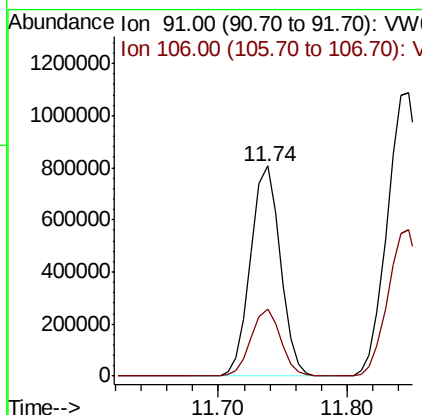
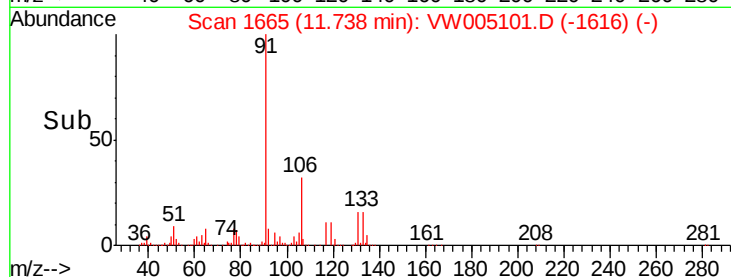
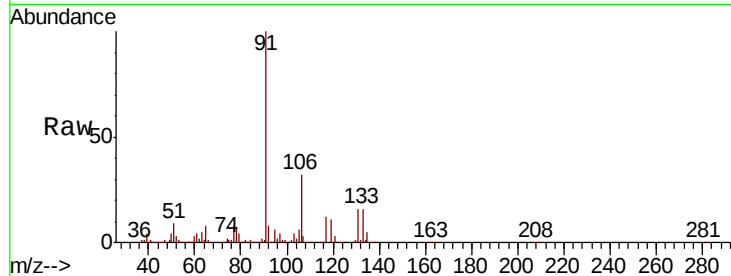
#67
Ethyl Benzene
Concen: 51.12 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1290309
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9

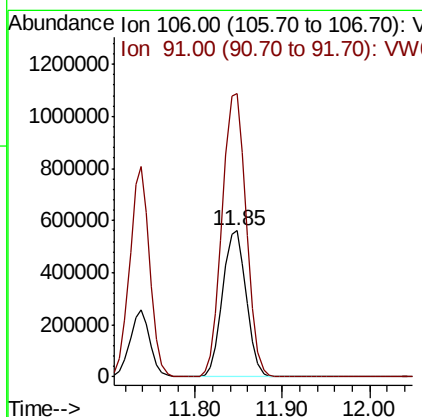
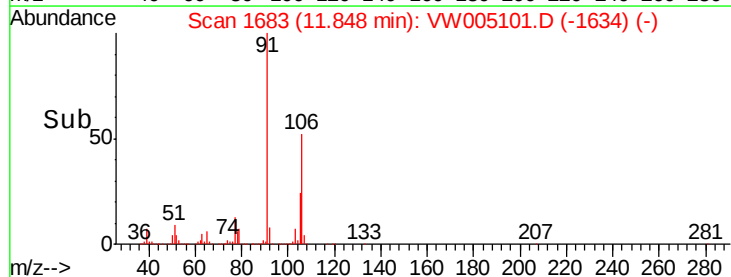
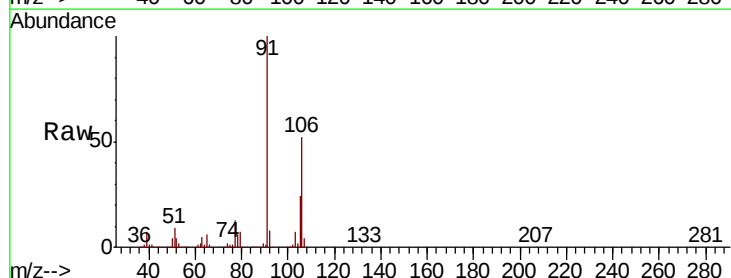
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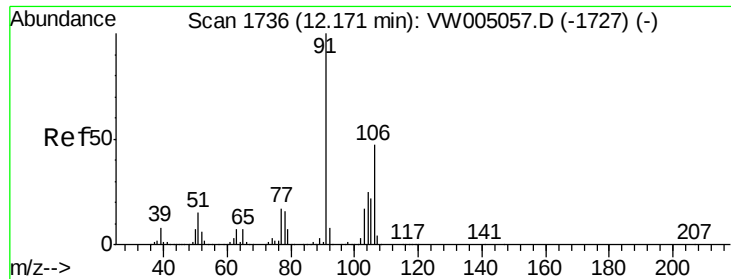
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#68
m/p-Xylenes
Concen: 104.27 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion: 106 Resp: 1053750
Ion Ratio Lower Upper
106 100
91 197.4 158.4 237.6





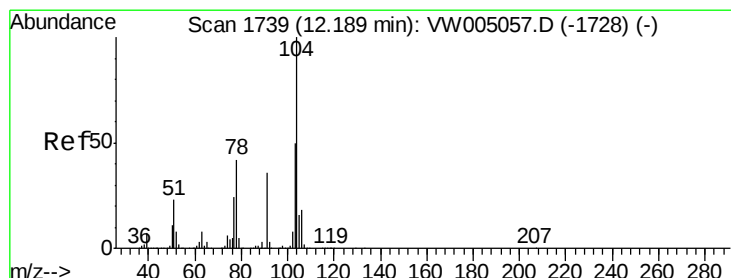
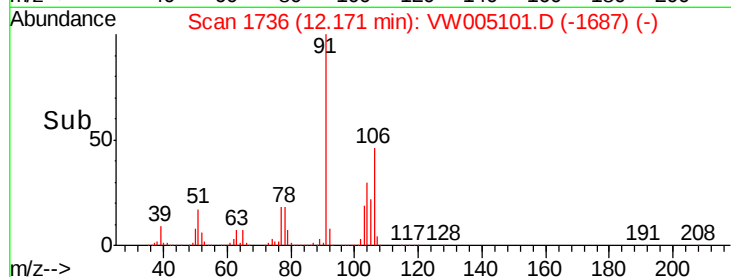
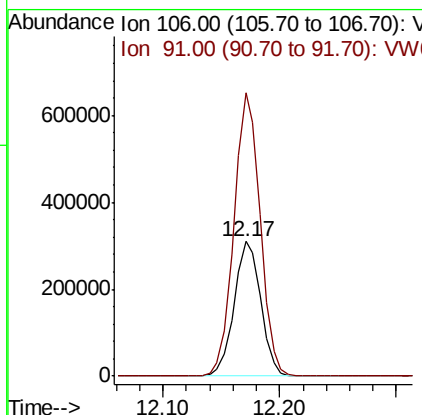
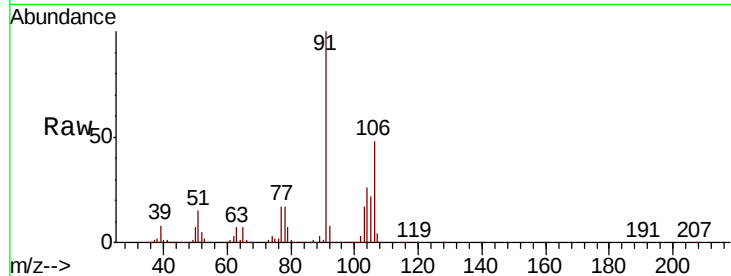
#69
o-Xylene
Concen: 52.48 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.4	105.6	316.8

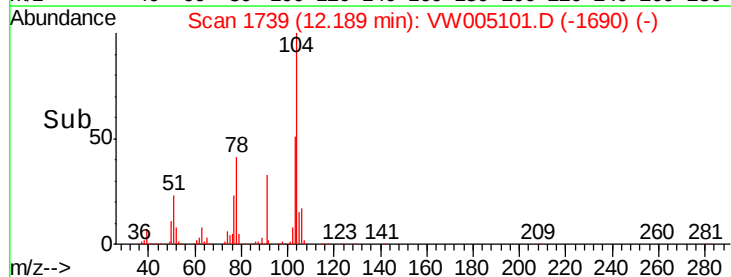
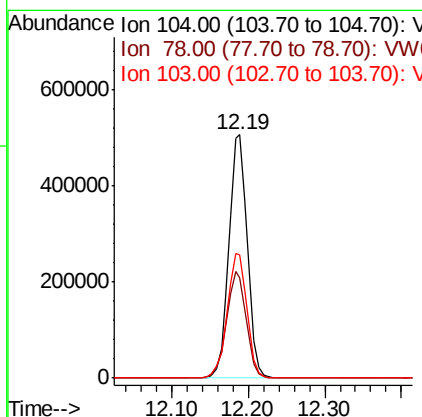
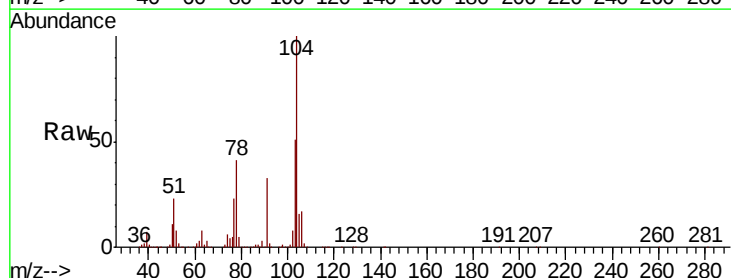
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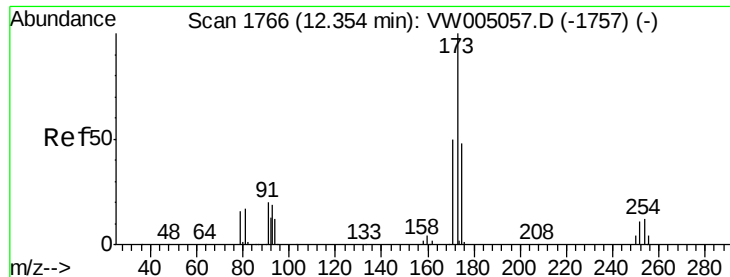
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#70
Styrene
Concen: 54.17 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.6	37.8	56.6
103	54.9	44.1	66.1





#71

Bromoform

Concen: 54.67 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

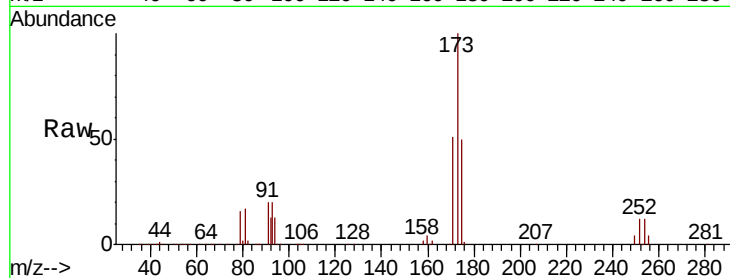
ClientSampleId :

VSTDCCC050

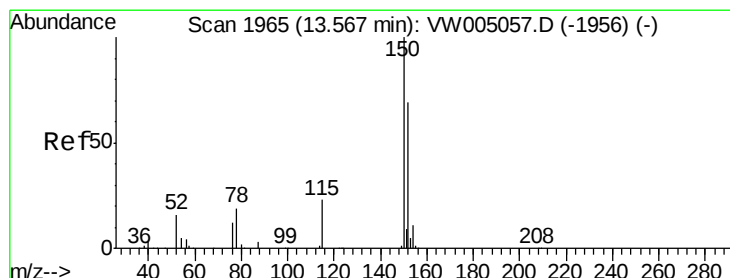
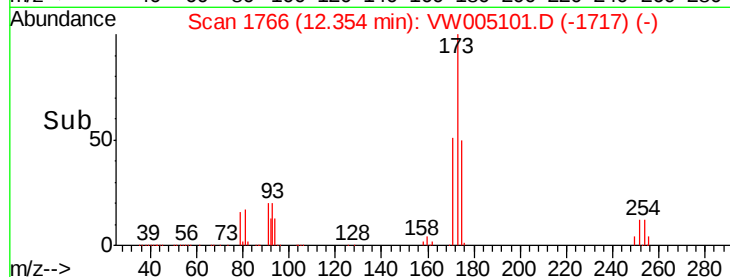
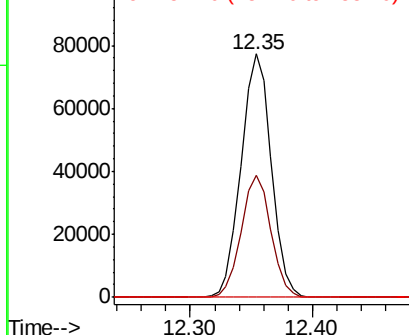
Tot Ion:	173	Resp:	132193
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.1	72.2
254	0.2	0.2	0.2

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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

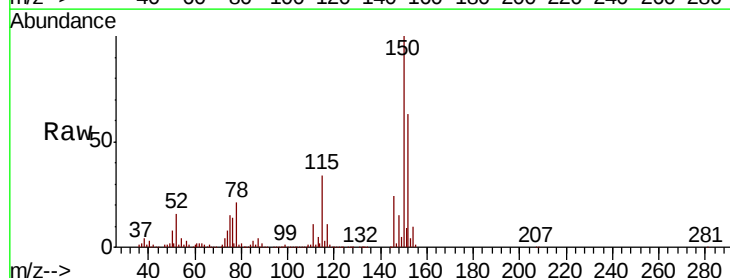
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

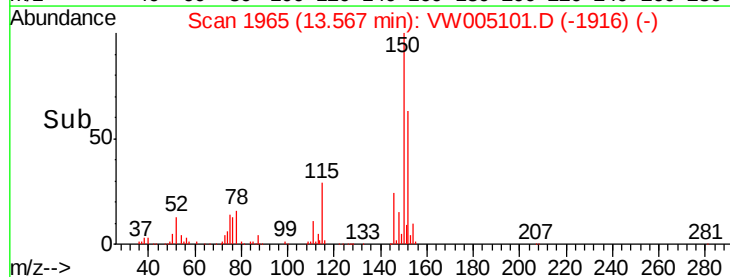
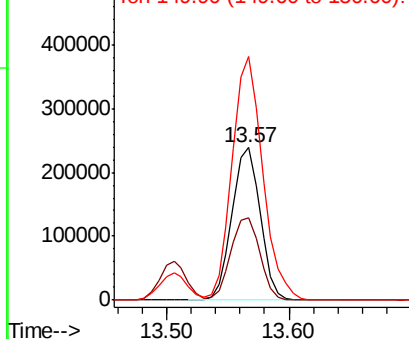
Lab File: VW005101.D

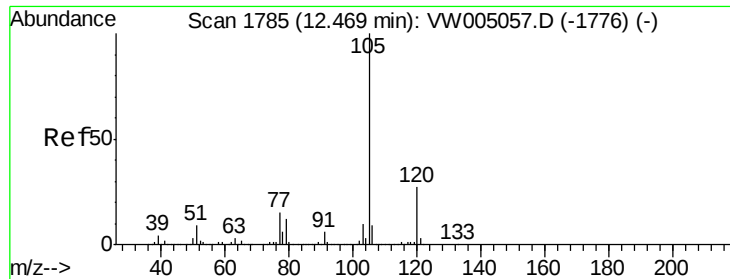
Acq: 05 Sep 2018 01:44

Tgt Ion:	152	Resp:	379421
Ion Ratio	Lower	Upper	
152	100		
115	55.7	27.8	83.4
150	173.9	0.0	351.4



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: 48.87 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1307304

Ion Ratio Lower Upper

105 100

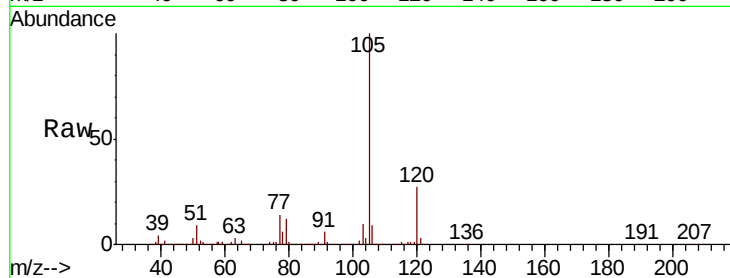
120 26.8 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

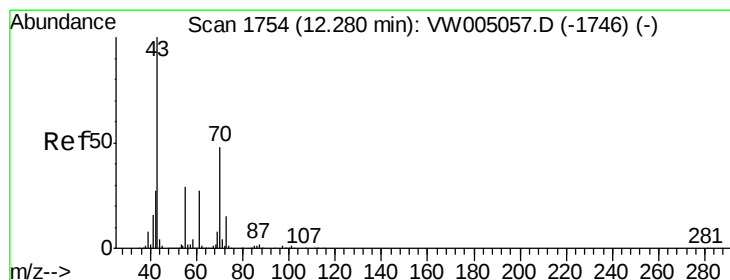
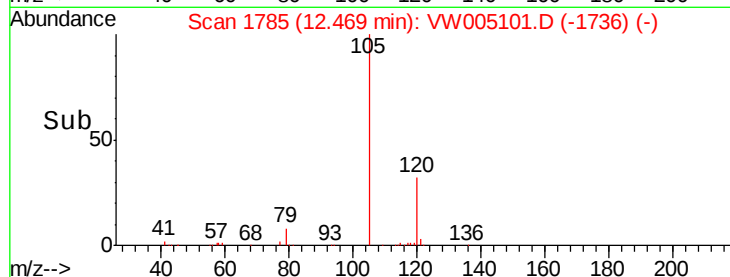
400000

200000

0

12.47

Time-->



#74

N-ethyl acetate

Concen: 50.40 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion: 43 Resp: 232187

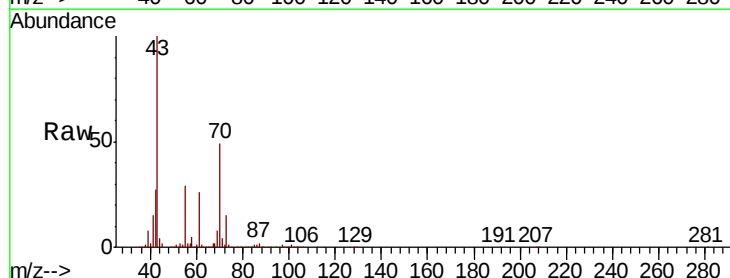
Ion Ratio Lower Upper

43 100

70 48.7 38.2 57.4

55 29.9 23.2 34.8

61 26.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

250000

200000

150000

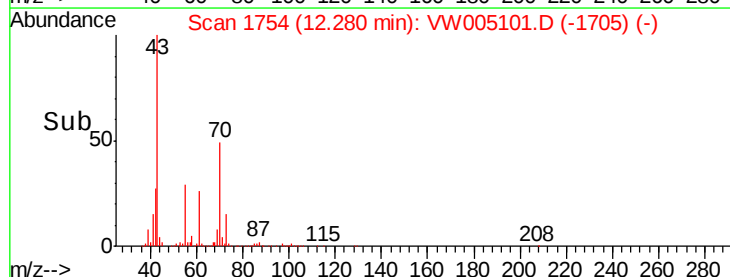
100000

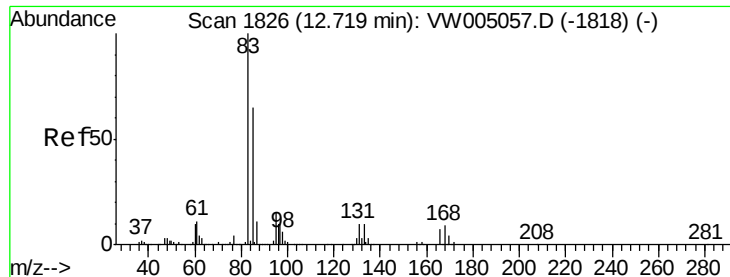
50000

0

12.28

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.38 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

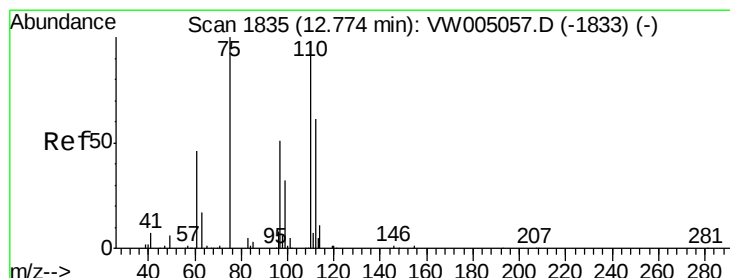
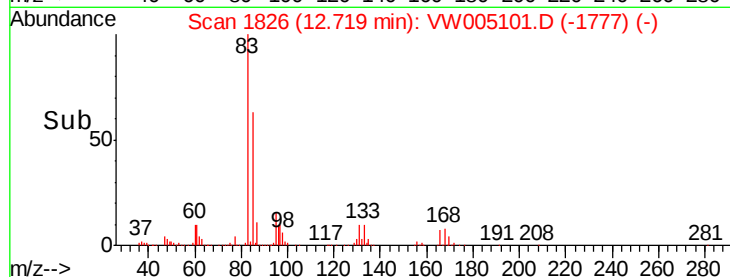
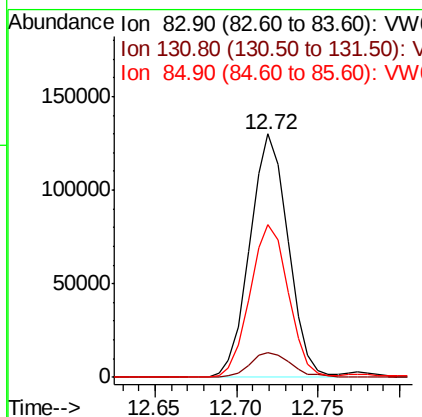
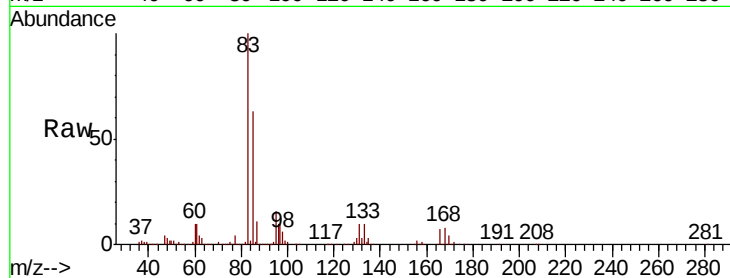
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	213319
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	63.1	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 47.59 ug/l m

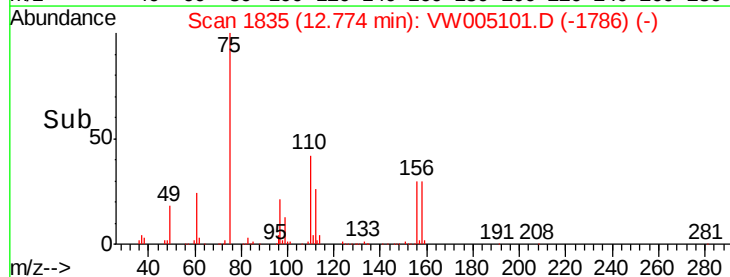
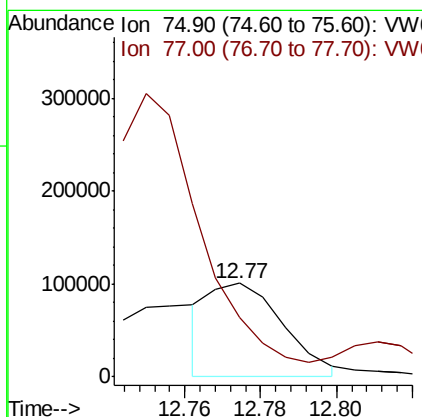
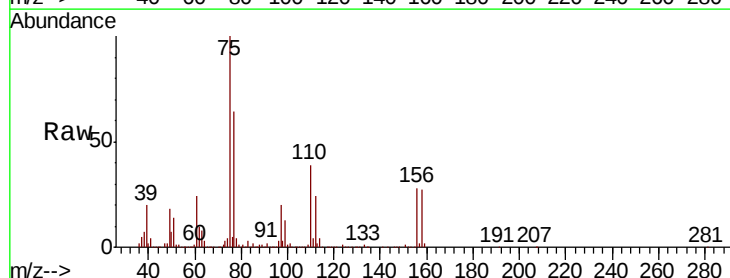
RT: 12.77 min Scan# 1835

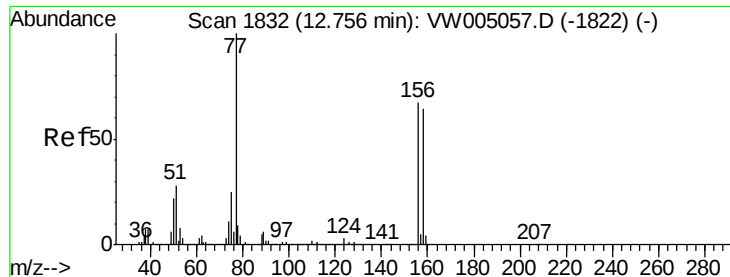
Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion:	75	Resp:	135533
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.19 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

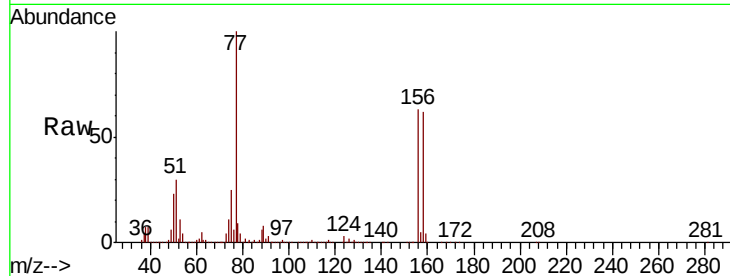
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	170.8	85.8	257.4	
158	97.0	48.1	144.4	

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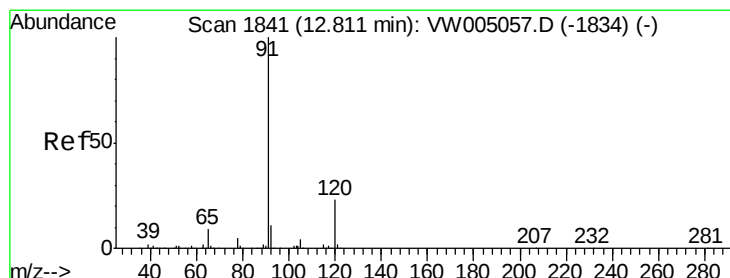
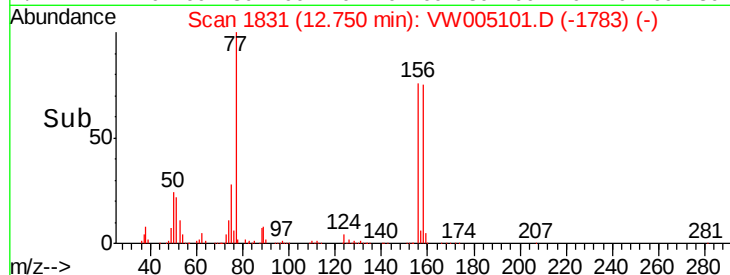
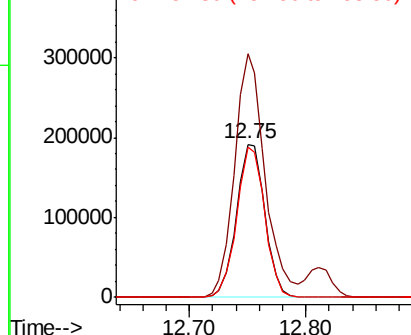


Abundance

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: 49.25 ug/l

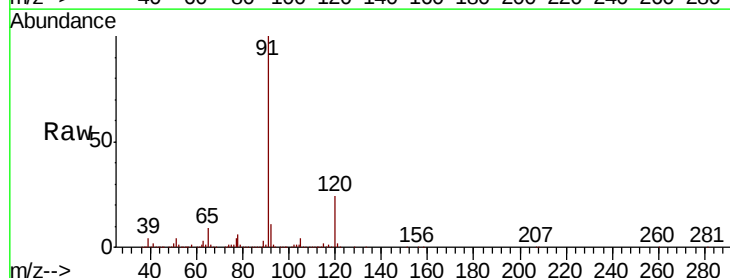
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

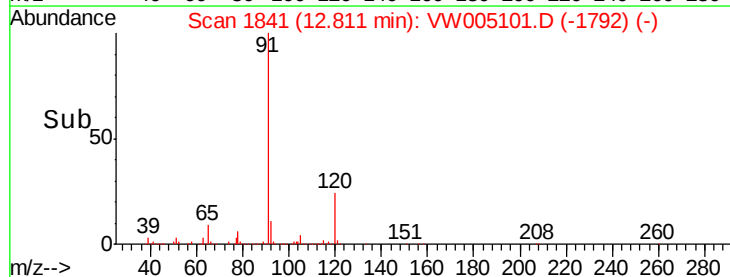
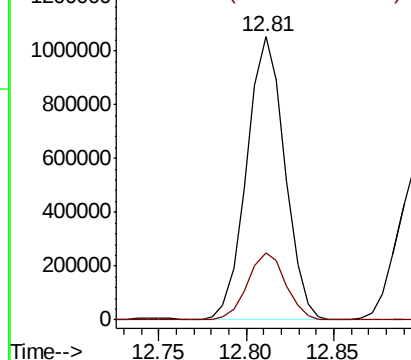
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.7	11.8	35.3	

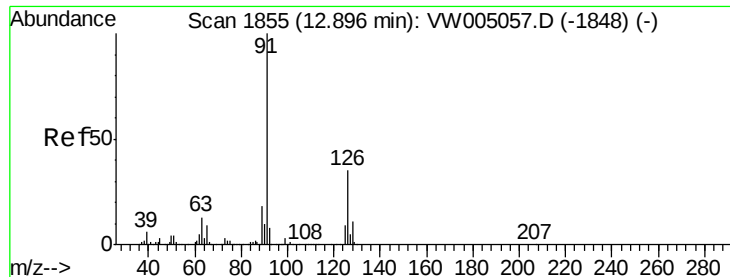


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.66 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 916908

Ion Ratio Lower Upper

91 100

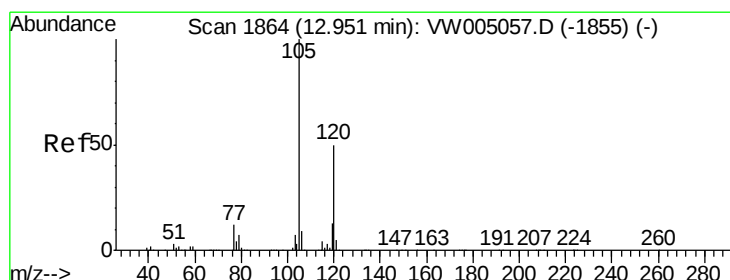
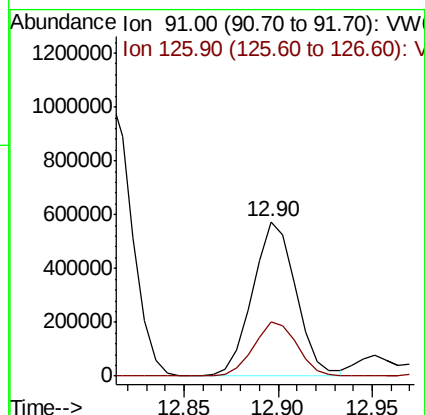
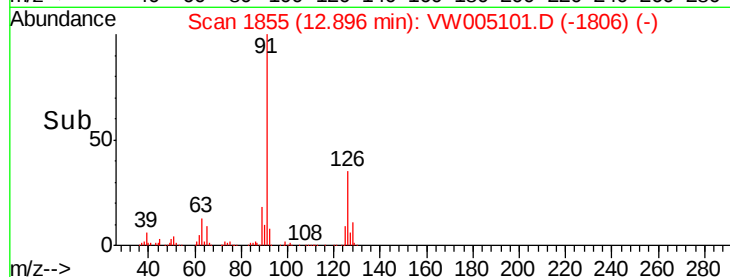
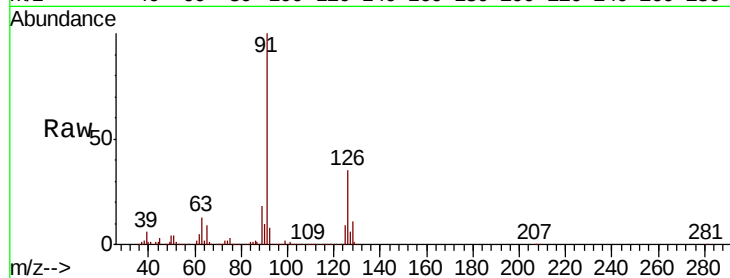
126 35.1 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 50.05 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005101.D

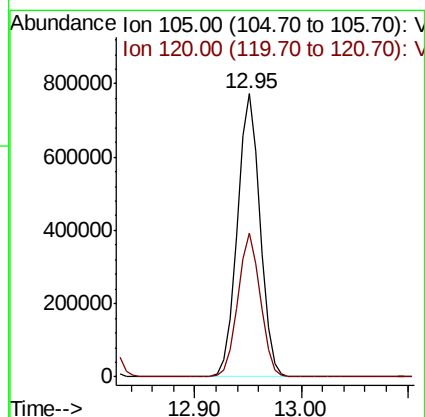
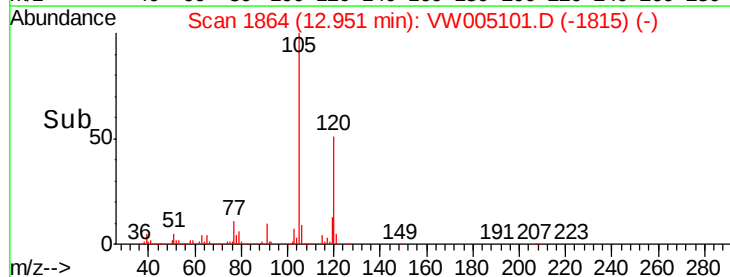
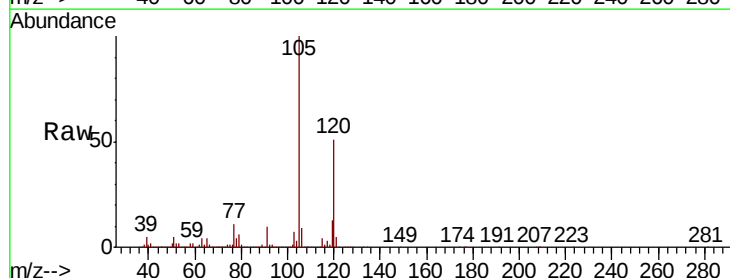
Acq: 05 Sep 2018 01:44

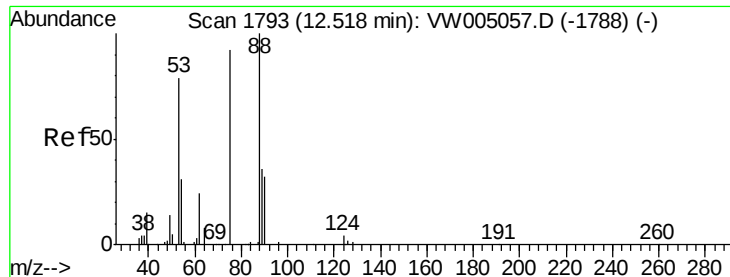
Tgt Ion: 105 Resp: 1158022

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.57 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 61026

Ion Ratio Lower Upper

75 100

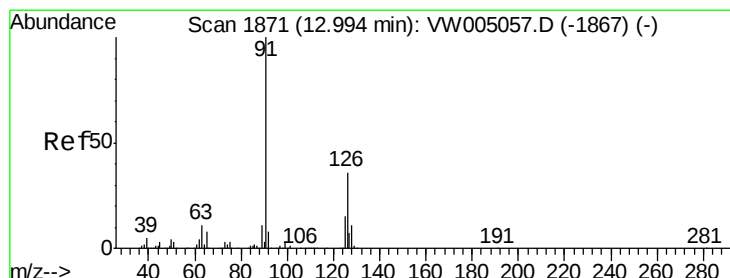
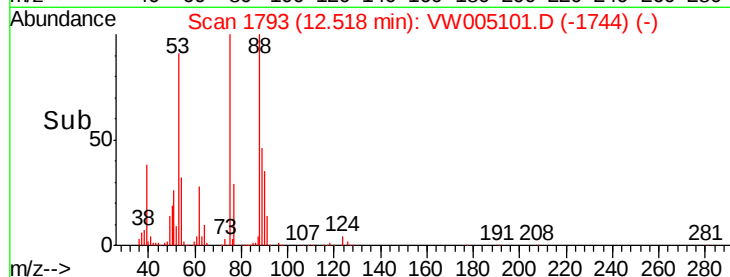
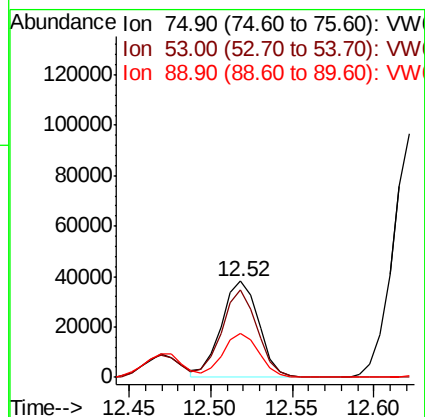
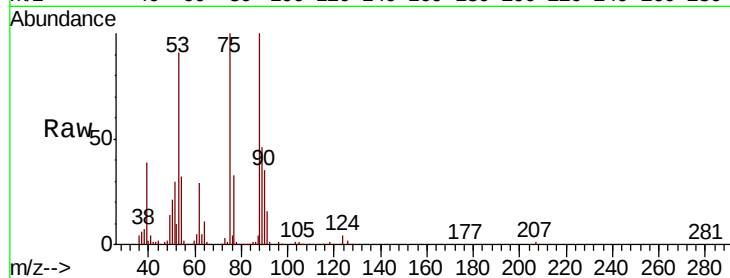
53 87.6 69.8 104.8

89 44.2 36.0 54.0

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#82

4-Chlorotoluene

Concen: 48.97 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW005101.D

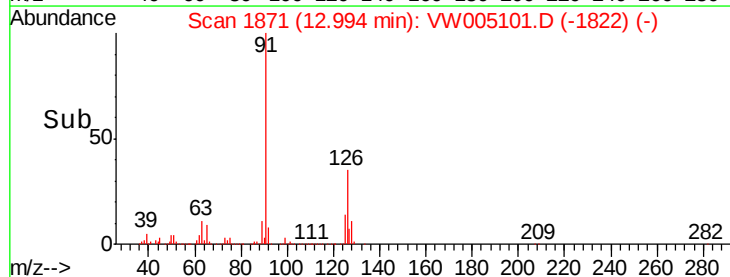
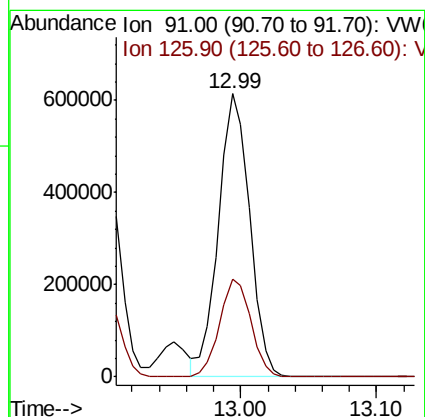
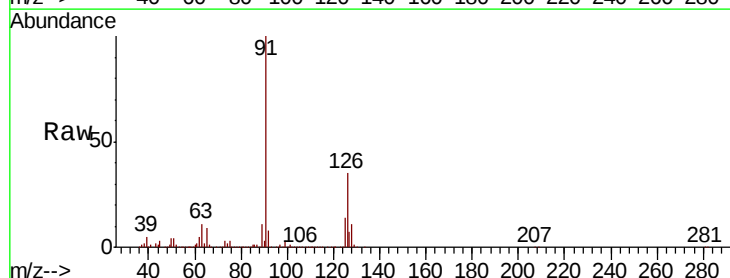
Acq: 05 Sep 2018 01:44

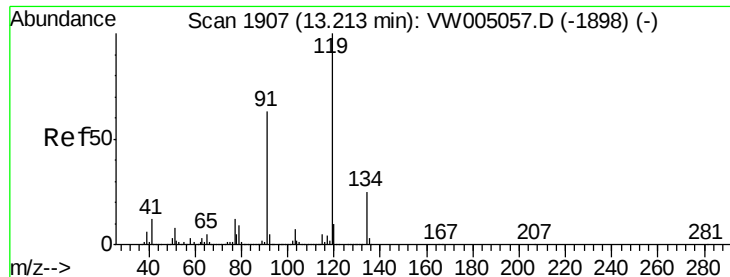
Tgt Ion: 91 Resp: 974354

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.3





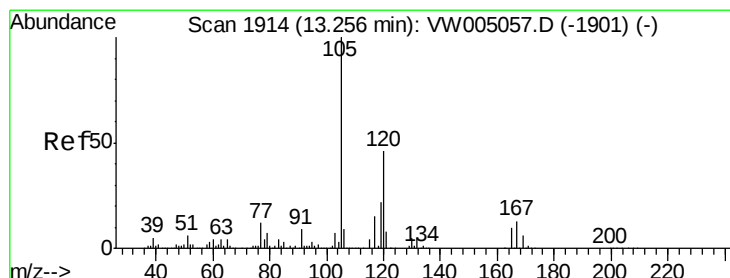
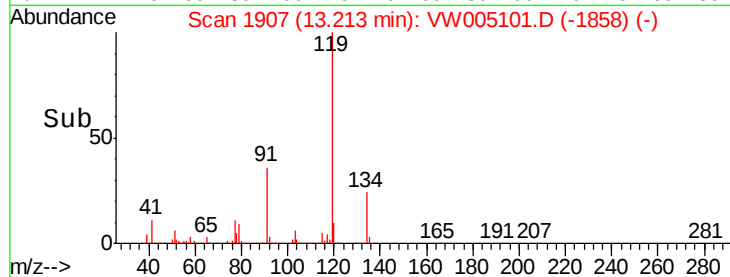
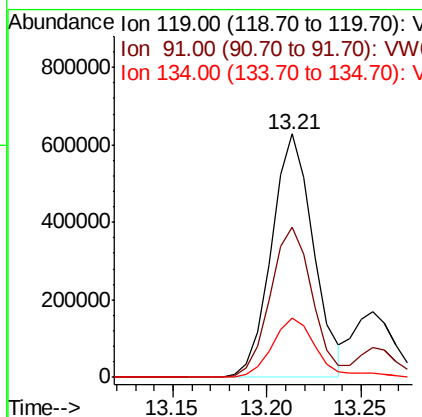
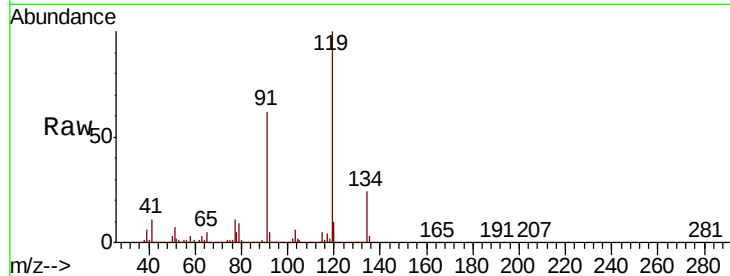
#83
 tert-Butylbenzene
 Concen: 50.10 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	31.8	95.4
134	26.0	13.0	39.0

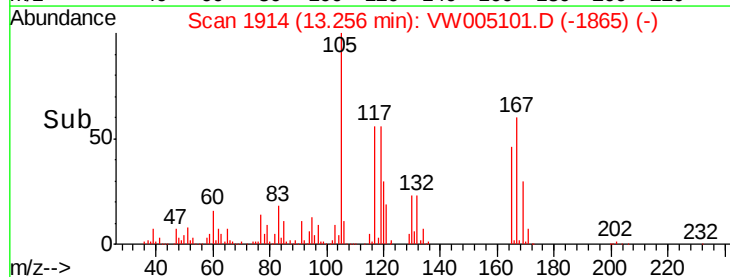
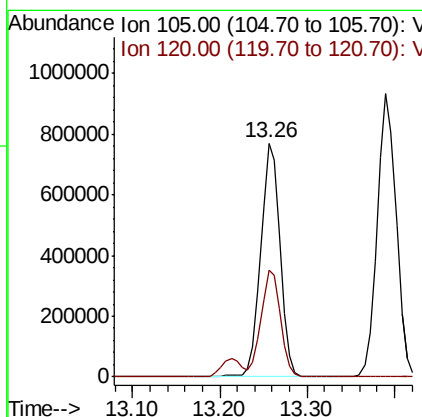
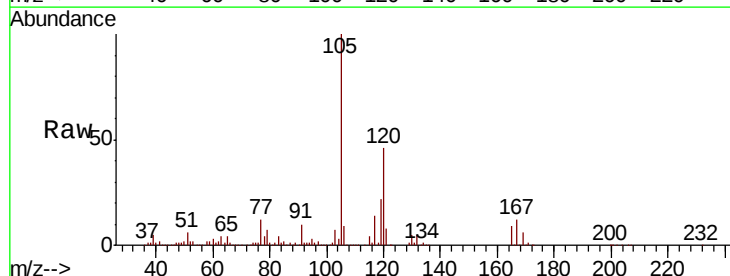
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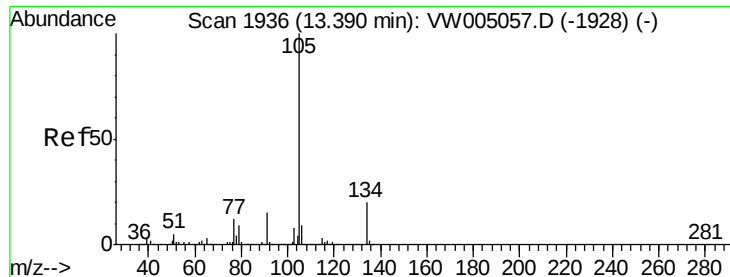
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.51 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3





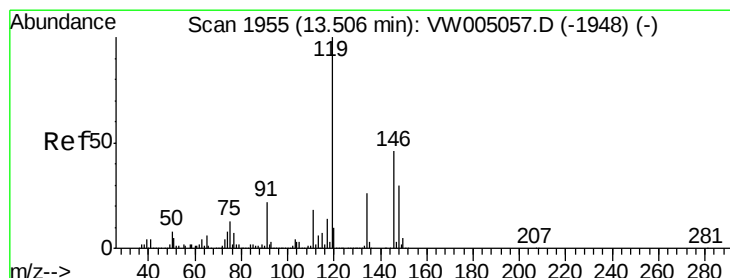
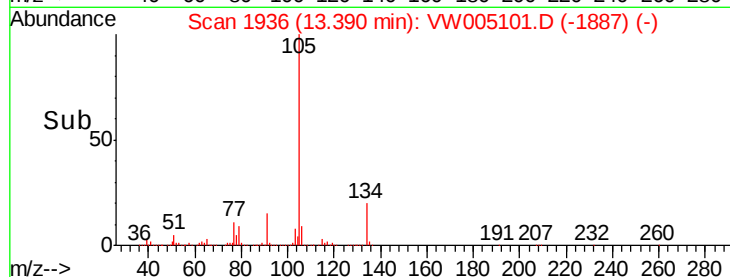
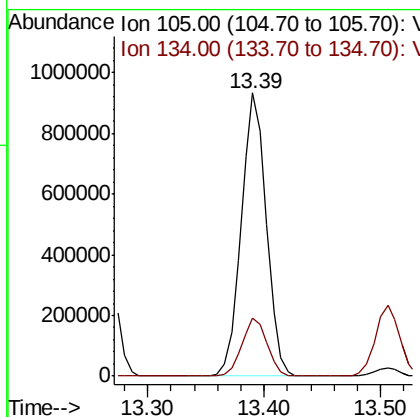
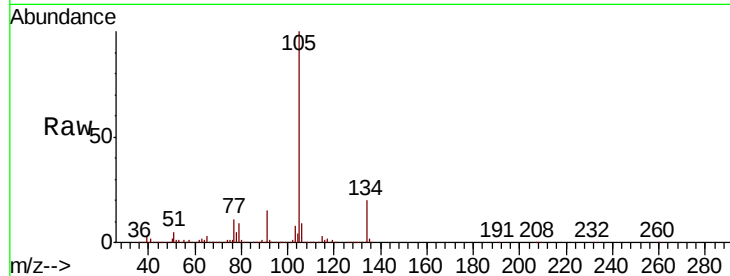
#85
 sec-Butylbenzene
 Concen: 49.23 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1397932
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3

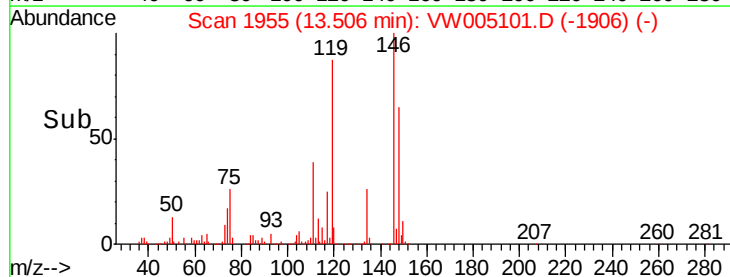
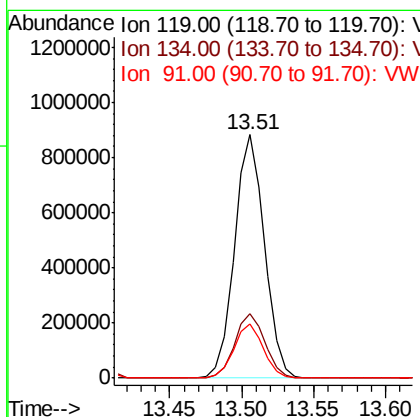
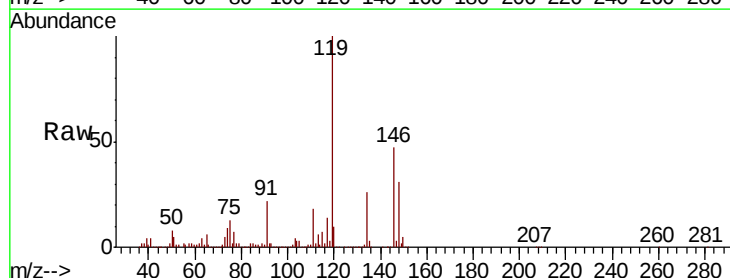
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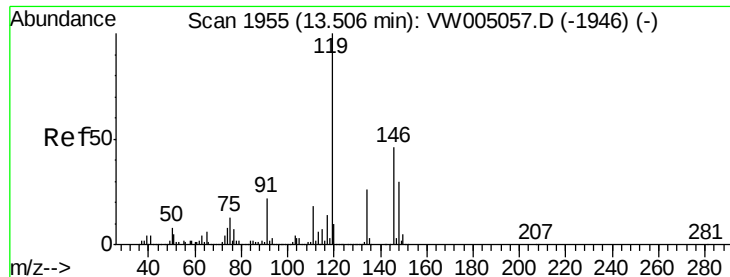
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#86
 p-Isopropyltoluene
 Concen: 50.77 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion:119 Resp: 1276016
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.04 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW005101.D

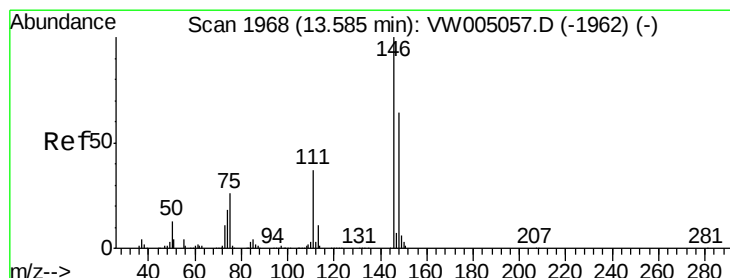
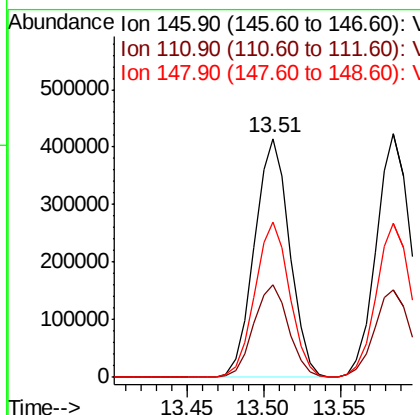
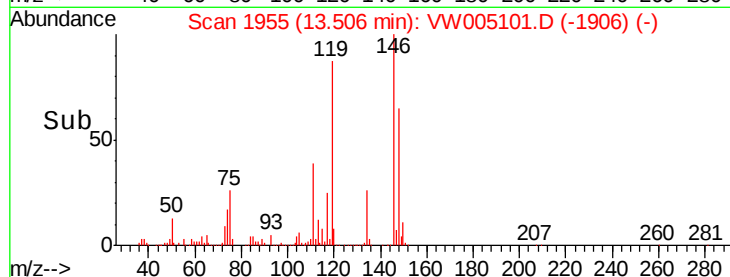
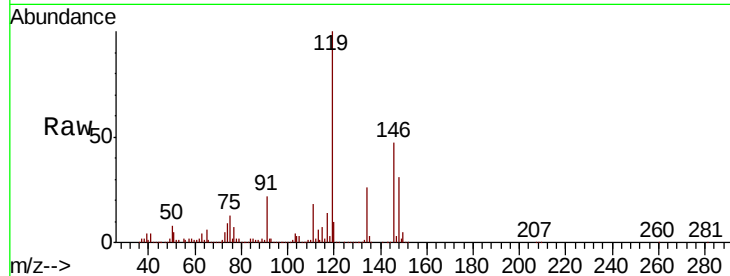
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	64.1	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 49.36 ug/l

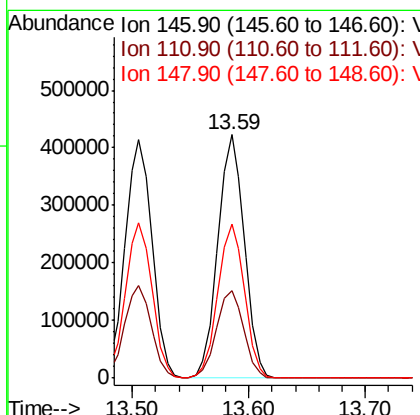
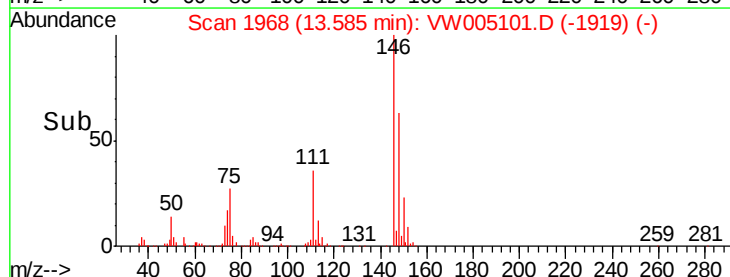
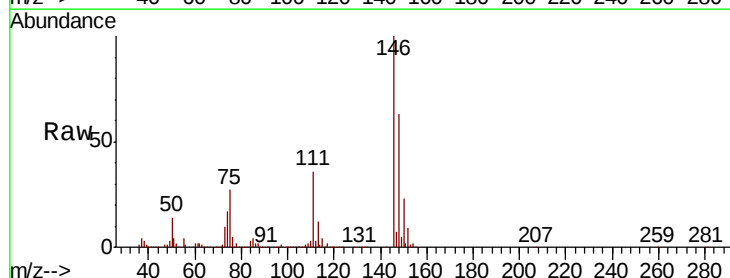
RT: 13.59 min Scan# 1968

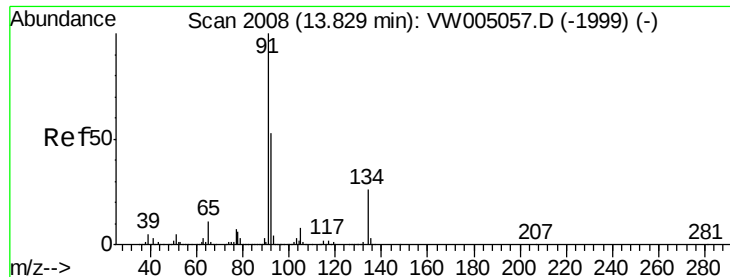
Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	56.0
148	63.6	32.0	96.0





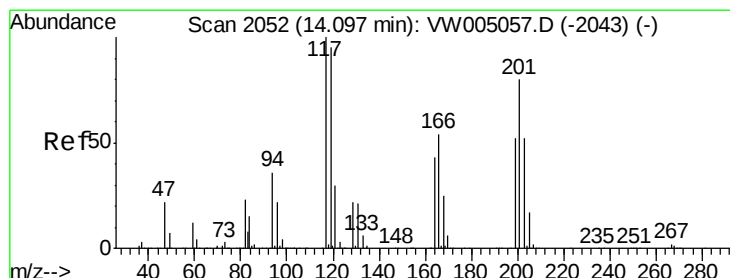
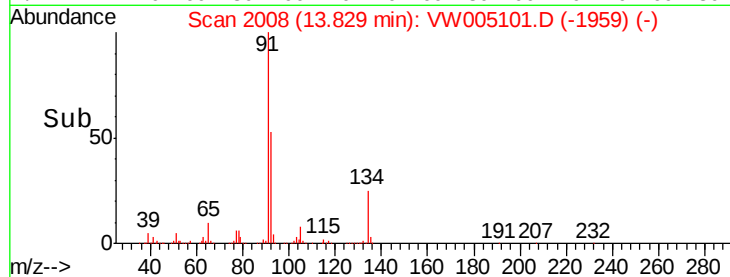
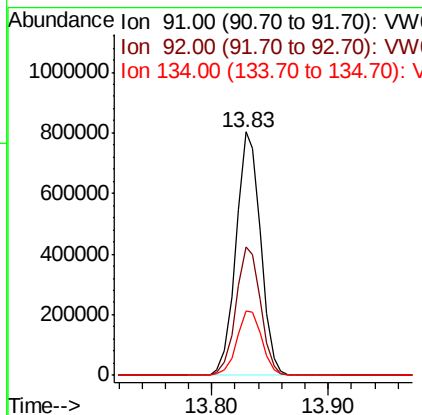
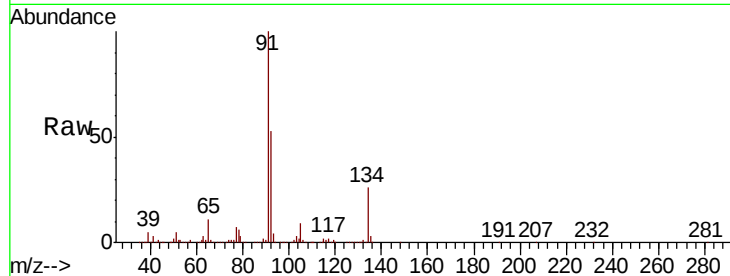
#89
n-Butylbenzene
Concen: 50.60 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	26.9	13.5	40.4

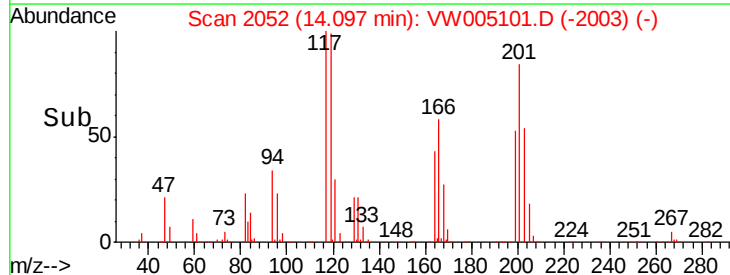
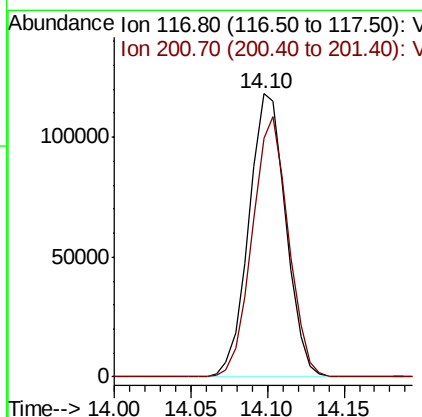
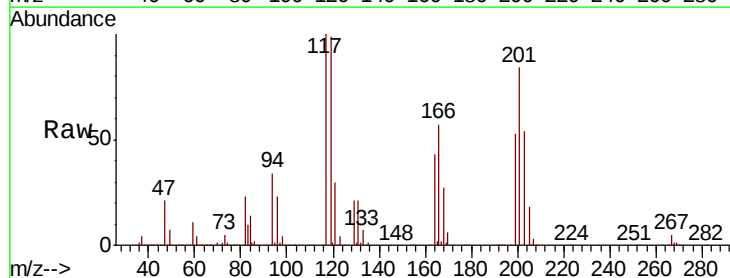
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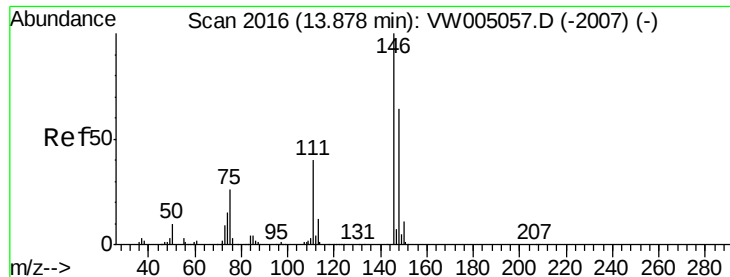
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#90
Hexachloroethane
Concen: 47.53 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VW005101.D
Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	44.6	133.8





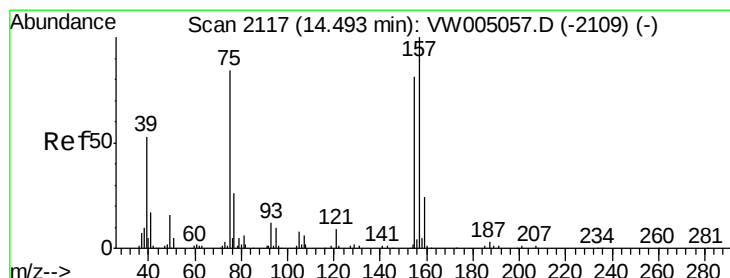
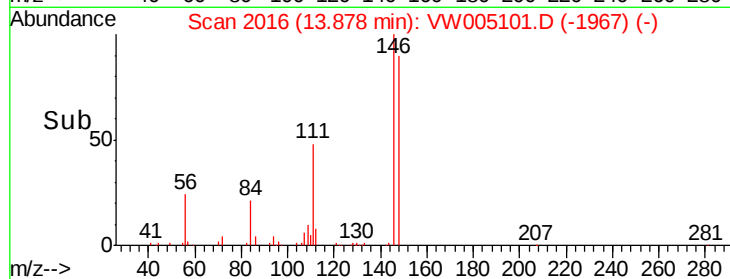
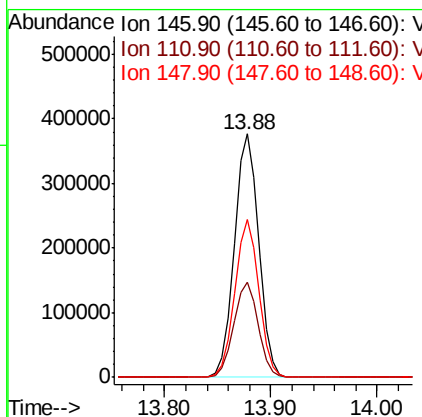
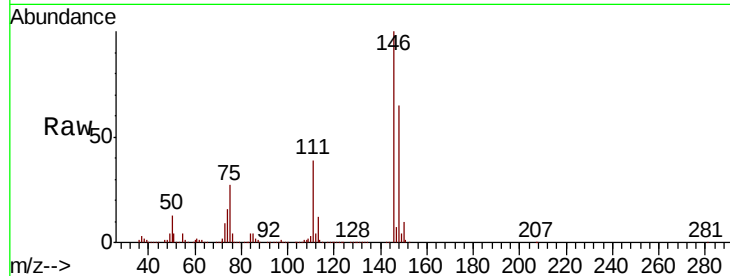
#91
 1,2-Dichlorobenzene
 Concen: 51.20 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.8	31.9	95.9

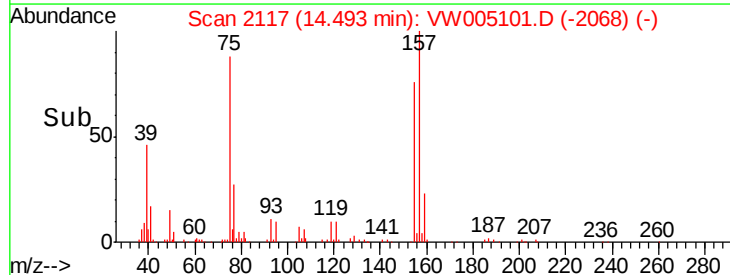
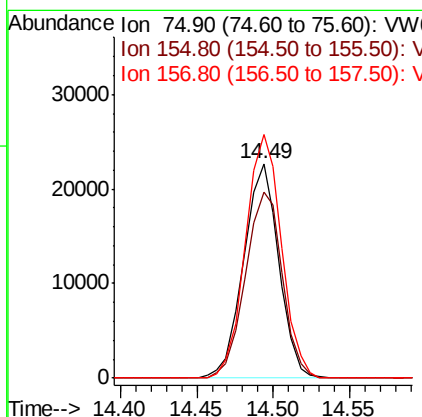
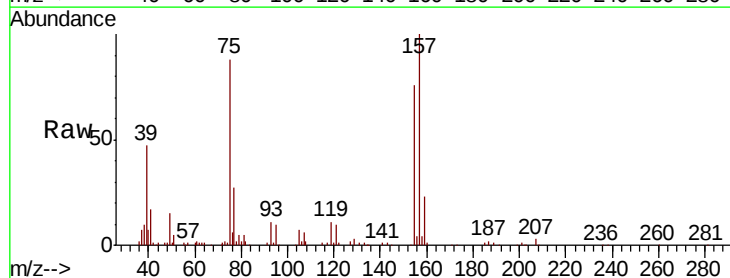
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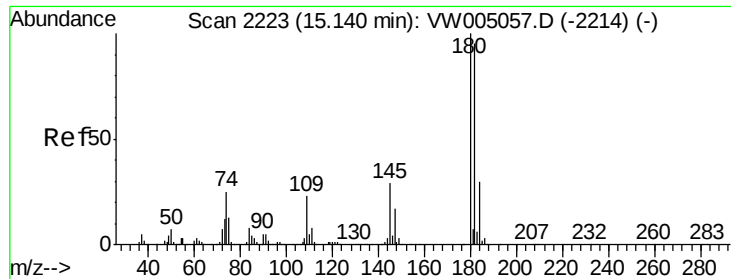
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.79 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	46.0	137.8
157	116.4	58.6	175.7





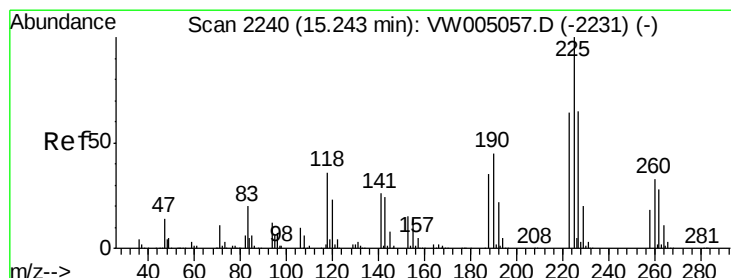
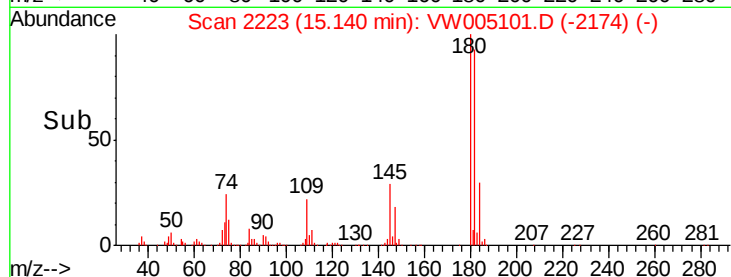
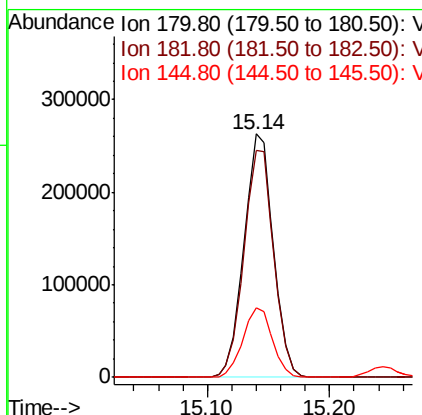
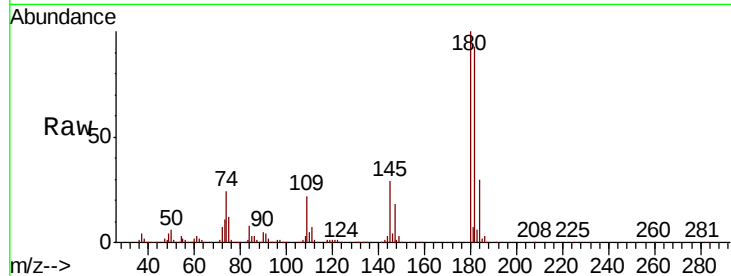
#93
 1,2,4-Trichlorobenzene
 Concen: 55.17 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.5	142.6	
145	28.9	14.4	43.2	

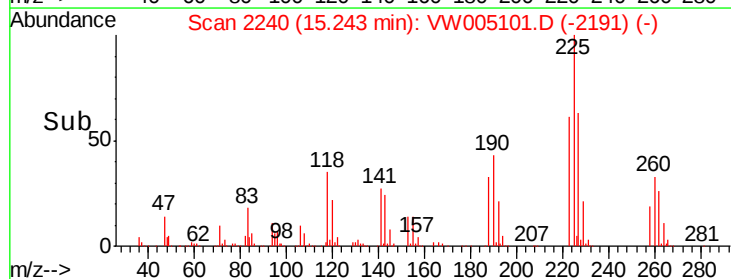
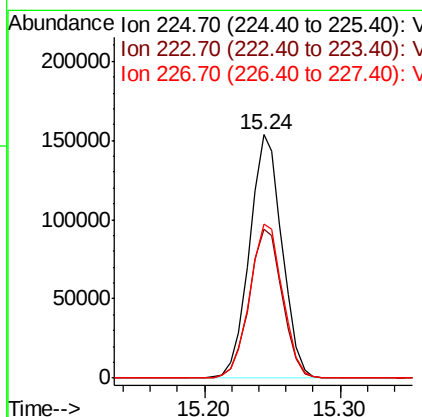
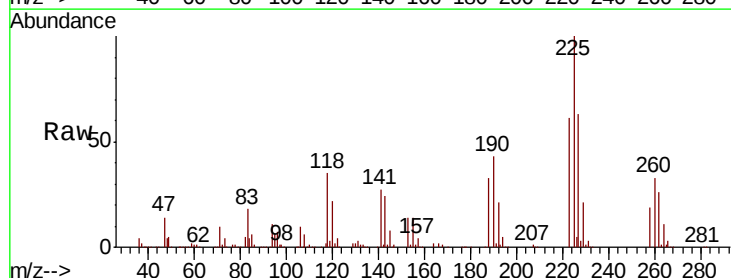
Manual Integrations
 APPROVED

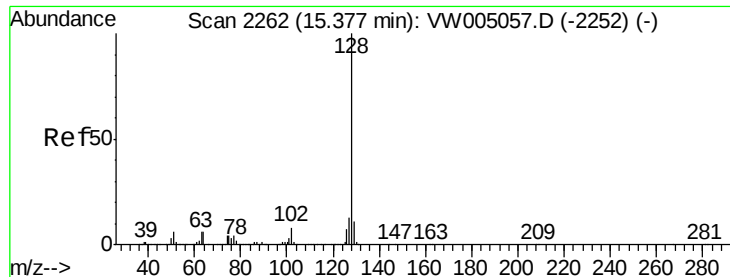
apatel
 9/5/2018 10:02:52 AM



#94
 Hexachlorobutadiene
 Concen: 52.24 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW005101.D
 Acq: 05 Sep 2018 01:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.4	94.3	
227	64.3	32.0	96.0	





#95

Naphthalene

Concen: 54.91 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Instrument :

MSVOA_W

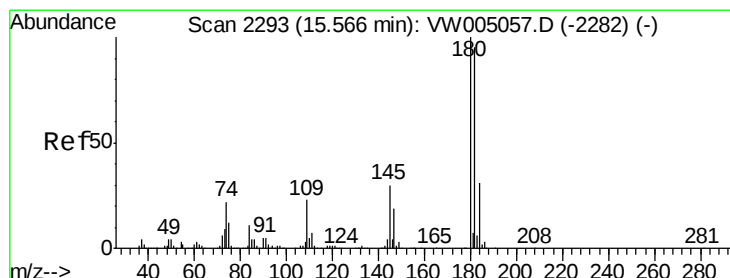
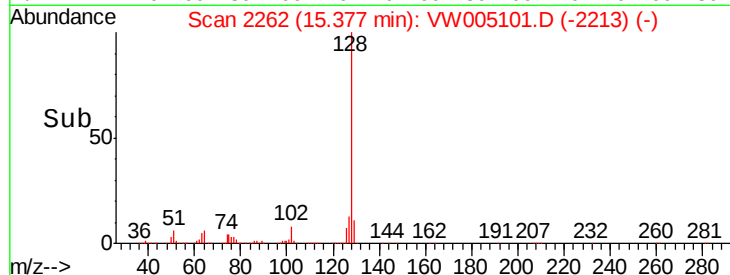
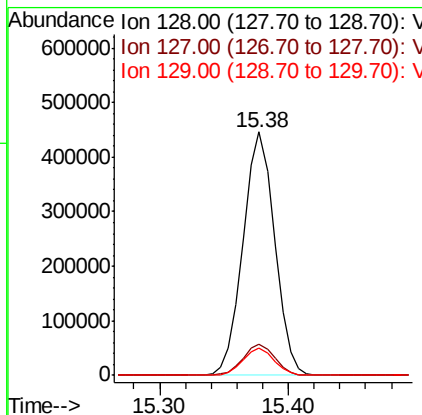
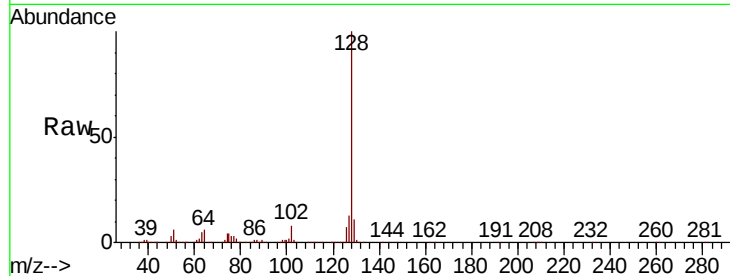
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	756993
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
9/5/2018 10:02:52 AM



#96

1,2,3-Trichlorobenzene

Concen: 57.41 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW005101.D

Acq: 05 Sep 2018 01:44

Tgt Ion:	180	Resp:	388808
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.4	142.3
145	30.8	15.4	46.1

