

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005318.D
 Acq On : 12 Sep 2018 11:47
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 9/13/2018 11:11:19 AM

Quant Time: Sep 12 14:34:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	503885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	700470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	681877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	377118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	192681	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.89	113	201158	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.33	98	1013458	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.62	95	365933	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	206153	47.43	ug/l	98
3) Chloromethane	2.21	50	303133	52.16	ug/l	100
4) Vinyl Chloride	2.35	62	286969	53.79	ug/l	97
5) Bromomethane	2.76	94	189890	59.23	ug/l	98
6) Chloroethane	2.91	64	158361	53.89	ug/l	99
7) Trichlorofluoromethane	3.26	101	309541	51.29	ug/l	97
8) Diethyl Ether	3.69	74	106736	49.63	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	220057	51.05	ug/l	98
10) Methyl Iodide	4.28	142	230742	43.53	ug/l	100
11) Tert butyl alcohol	5.17	59	74527	241.81	ug/l	100
12) 1,1-Dichloroethene	4.04	96	200078	50.41	ug/l	99
13) Acrolein	3.90	56	75101	252.25	ug/l	99
14) Allyl chloride	4.67	41	316072	51.83	ug/l	99
15) Acrylonitrile	5.37	53	255777	263.59	ug/l	99
16) Acetone	4.12	43	193615	277.55	ug/l	99
17) Carbon Disulfide	4.38	76	744008	53.40	ug/l	100
18) Methyl Acetate	4.67	43	107438	51.59	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	487959	51.62	ug/l	96
20) Methylene Chloride	4.92	84	271507	52.54	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	229069	49.43	ug/l	99
22) Diisopropyl ether	6.32	45	665950	54.24	ug/l	99
23) Vinyl Acetate	6.26	43	1845629	269.73	ug/l	100
24) 1,1-Dichloroethane	6.22	63	386149	51.09	ug/l	99
25) 2-Butanone	7.18	43	298602	271.37	ug/l	97
26) 2,2-Dichloropropane	7.17	77	346320	52.85	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	249353	50.27	ug/l	98
28) Bromochloromethane	7.52	49	145929	52.34	ug/l	# 96
29) Tetrahydrofuran	7.53	42	191132	257.75	ug/l	99
30) Chloroform	7.68	83	385139	50.78	ug/l	99
31) Cyclohexane	7.96	56	418462	52.03	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	352689	51.47	ug/l	99
36) 1,1-Dichloropropene	8.09	75	341928	53.28	ug/l	99
37) Ethyl Acetate	7.26	43	131224	53.76	ug/l	99
38) Carbon Tetrachloride	8.07	117	314293	52.28	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	460464	54.04	ug/l	99
40) Benzene	8.33	78	1011779	53.51	ug/l	100
41) Methacrylonitrile	7.49	41	75286	60.12	ug/l	94
42) 1,2-Dichloroethane	8.41	62	231216	51.12	ug/l	99
43) Isopropyl Acetate	8.43	43	242213	53.43	ug/l	98
44) Trichloroethene	9.10	130	271215	52.29	ug/l	100
45) 1,2-Dichloropropane	9.37	63	242333	53.32	ug/l	98
46) Dibromomethane	9.46	93	112217	50.45	ug/l	98
47) Bromodichloromethane	9.65	83	286570	52.66	ug/l	98
48) Methyl methacrylate	9.44	41	122514	52.05	ug/l	95
49) 1,4-Dioxane	9.45	88	48726	1173.23	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	684960	268.52	ug/l	100
52) Toluene	10.39	92	723016	52.62	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	307970	52.37	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	370777	52.65	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	177980	50.18	ug/l	98
56) Ethyl methacrylate	10.65	69	243371	54.12	ug/l	100
57) 1,3-Dichloropropane	10.94	76	305671	51.90	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	533193	272.82	ug/l	99
59) 2-Hexanone	10.98	43	507331	275.88	ug/l	100
60) Dibromochloromethane	11.13	129	202281	51.40	ug/l	99
61) 1,2-Dibromoethane	11.24	107	163403	50.24	ug/l	99
64) Tetrachloroethene	10.87	164	262537	51.90	ug/l	98
65) Chlorobenzene	11.66	112	785750	52.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	230655	51.72	ug/l	99
67) Ethyl Benzene	11.74	91	1413726	54.35	ug/l	99
68) m/p-Xylenes	11.85	106	1134688	108.24	ug/l	99
69) o-Xylene	12.17	106	525316	53.86	ug/l	98
70) Styrene	12.19	104	878325	55.19	ug/l	100
71) Bromoform	12.35	173	125175	51.76	ug/l	97
73) Isopropylbenzene	12.47	105	1441960	54.12	ug/l	100
74) N-amyl acetate	12.28	43	281304	55.49	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	208692	52.12	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	140147m	48.32	ug/l	
77) Bromobenzene	12.76	156	328051	52.26	ug/l	98
78) n-propylbenzene	12.81	91	1771122	55.35	ug/l	99
79) 2-Chlorotoluene	12.90	91	985315	53.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1237163	54.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	66419	53.70	ug/l	97
82) 4-Chlorotoluene	12.99	91	1025770	53.18	ug/l	100
83) tert-Butylbenzene	13.21	119	1062482	53.54	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1245914	54.65	ug/l	99
85) sec-Butylbenzene	13.39	105	1567422	54.96	ug/l	100
86) p-Isopropyltoluene	13.51	119	1394921	55.25	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	689739	52.33	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	675960	52.21	ug/l	99
89) n-Butylbenzene	13.83	91	1324610	55.81	ug/l	98
90) Hexachloroethane	14.10	117	211126	52.20	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	605882	52.30	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35396	53.15	ug/l	98

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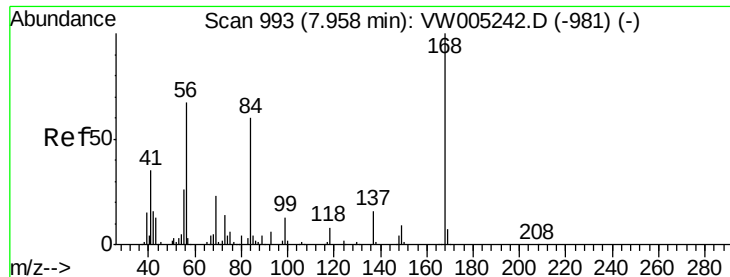
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	428504	52.29	ug/l	99
94) Hexachlorobutadiene	15.25	225	277935	52.96	ug/l	99
95) Naphthalene	15.38	128	720159	54.20	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	372341	52.80	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 503885

Ion Ratio Lower Upper

168 100

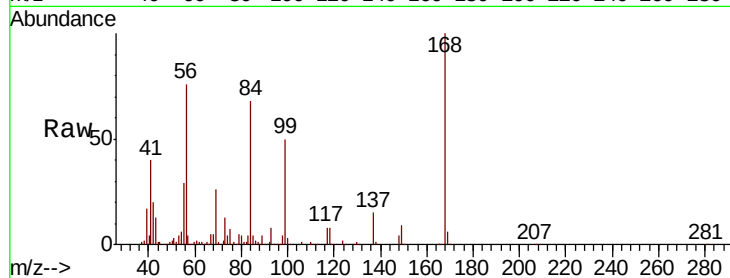
99 50.1 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

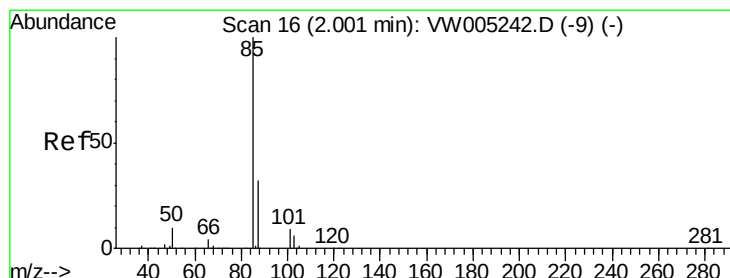
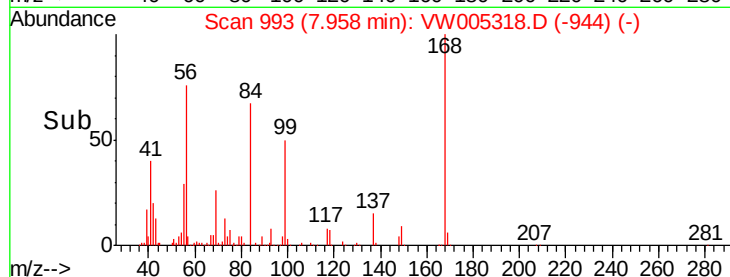
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.43 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005318.D

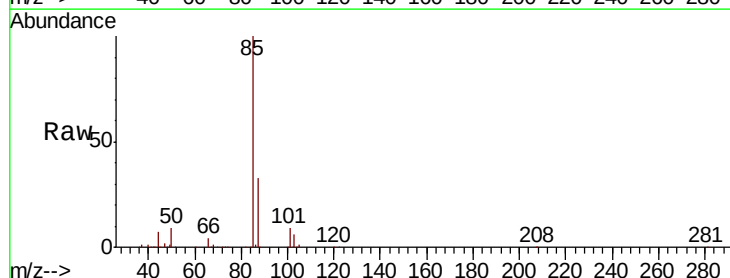
Acq: 12 Sep 2018 11:47

Tgt Ion: 85 Resp: 206153

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

150000

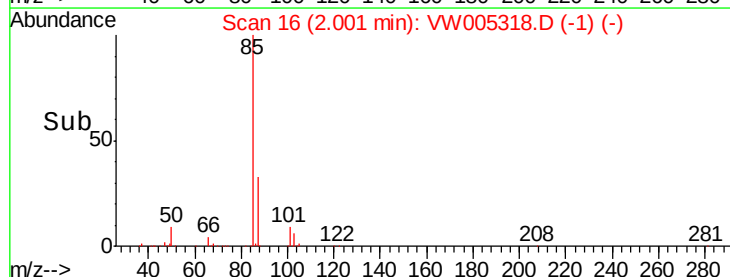
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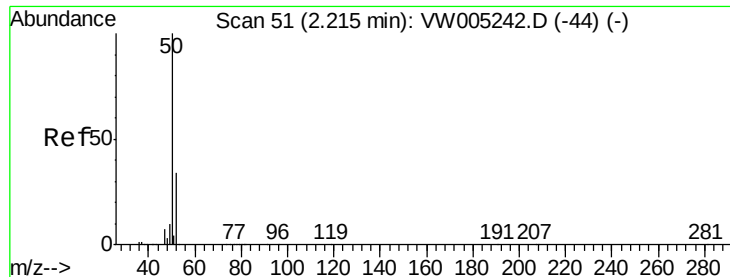
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 52.16 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 303133

Ion Ratio Lower Upper

50 100

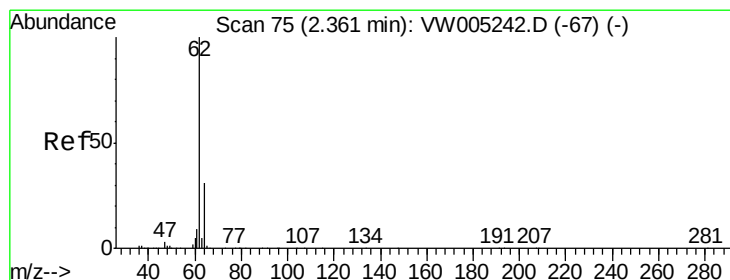
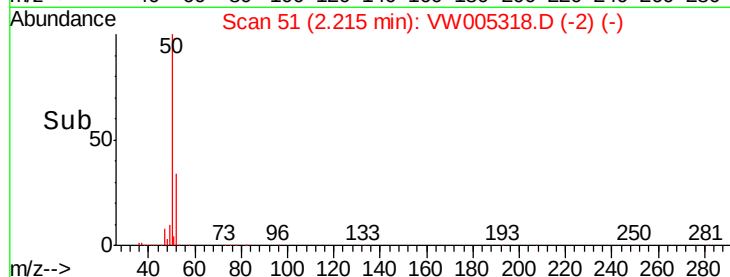
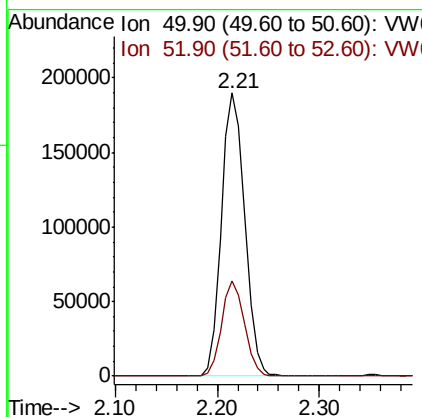
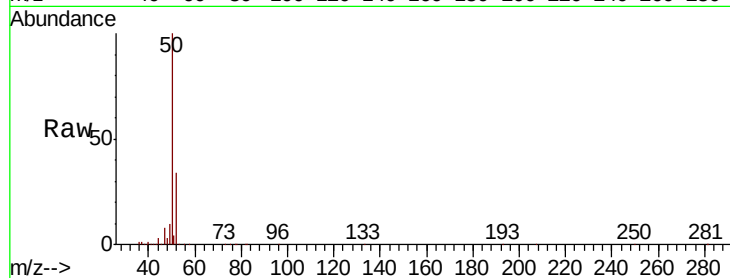
52 33.6 27.0 40.4

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#4

Vinyl Chloride

Concen: 53.79 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005318.D

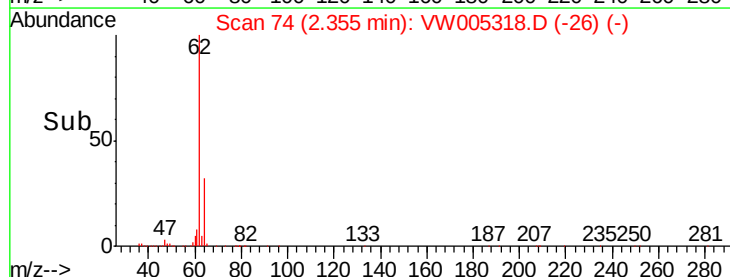
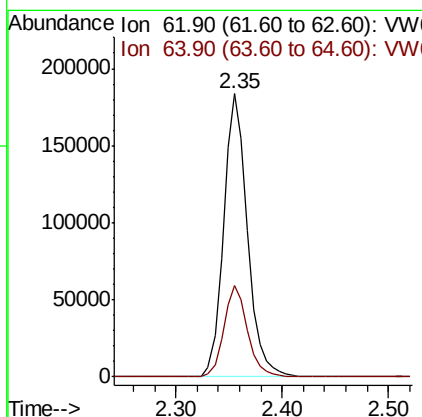
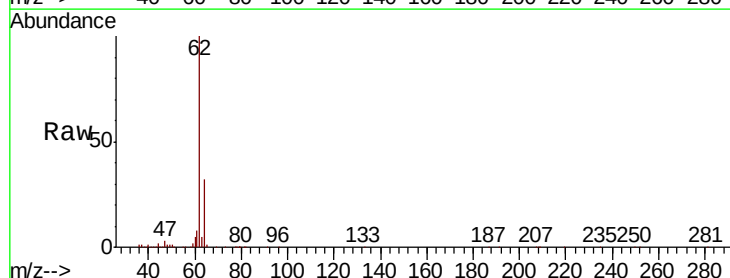
Acq: 12 Sep 2018 11:47

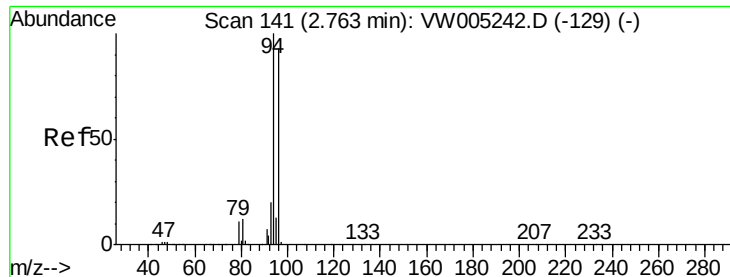
Tgt Ion: 62 Resp: 286969

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 59.23 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tot Ion: 94 Resp: 189890

Ion Ratio Lower Upper

94 100

96 91.0 74.1 111.1

Instrument :

MSVOA_W

ClientSampleId :

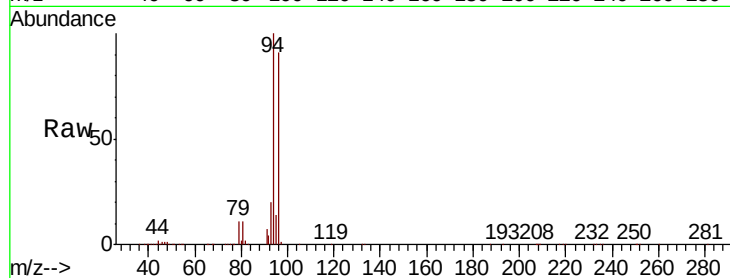
VSTDCCC050

Manual Integrations

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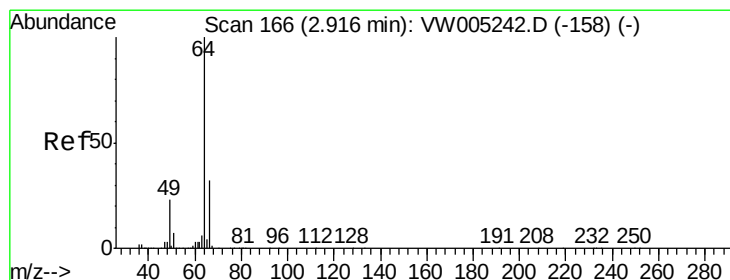
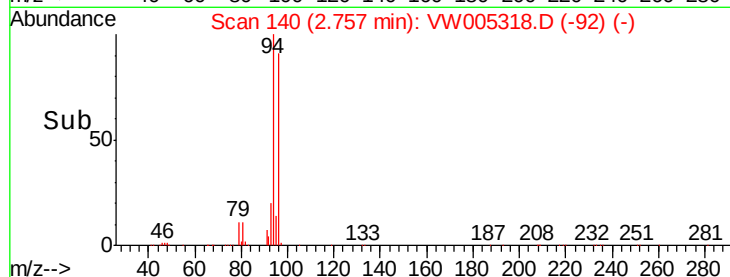
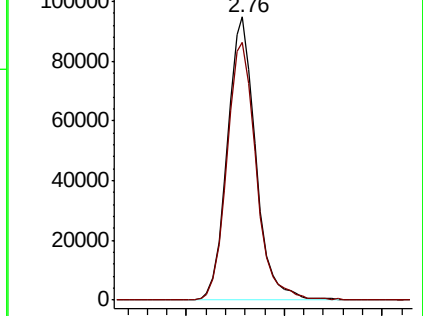
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 53.89 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005318.D

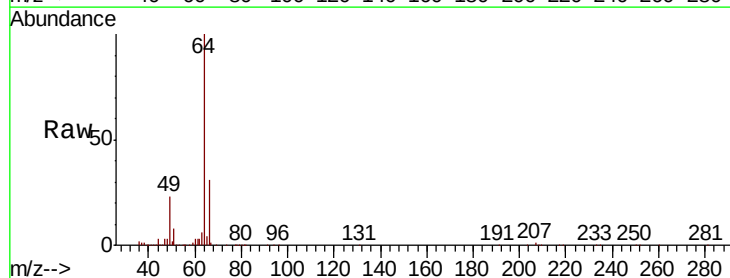
Acq: 12 Sep 2018 11:47

Tgt Ion: 64 Resp: 158361

Ion Ratio Lower Upper

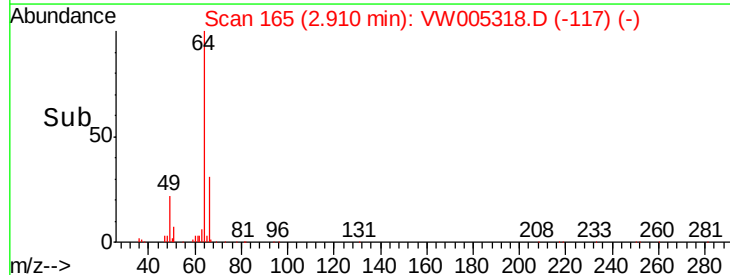
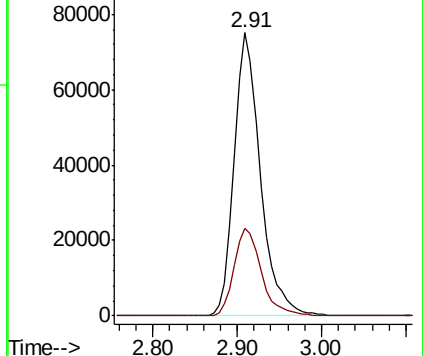
64 100

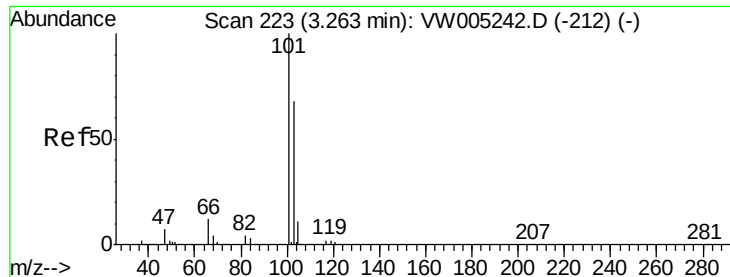
66 31.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

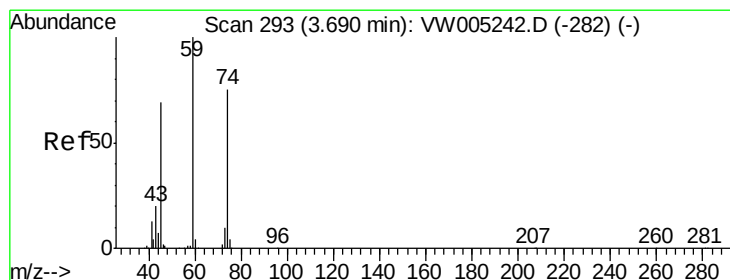
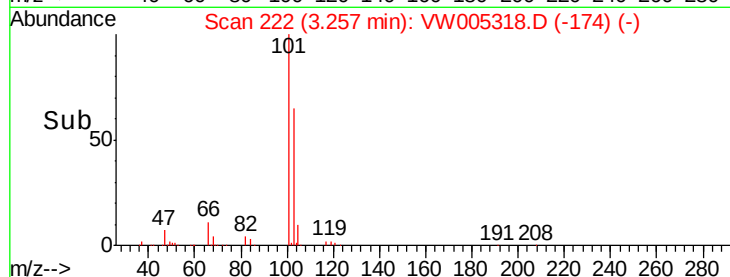
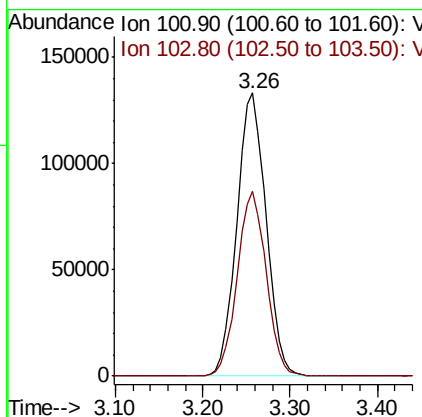
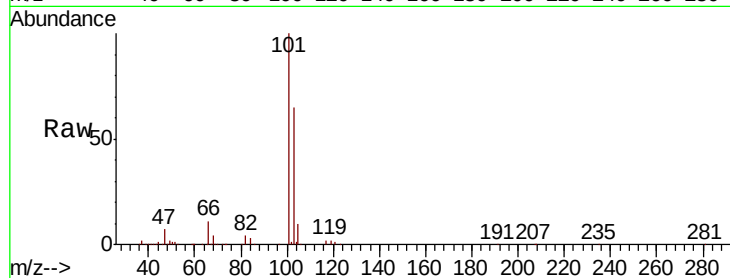
Trichlorofluoromethane
Concen: 51.29 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	54.1	81.1

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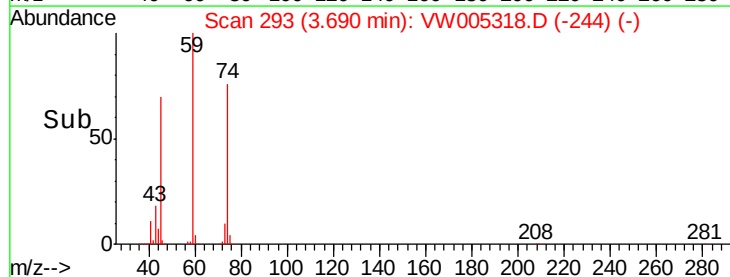
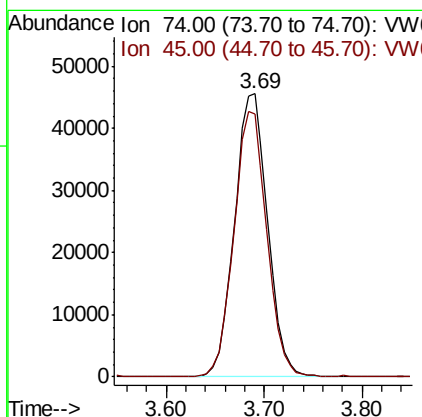
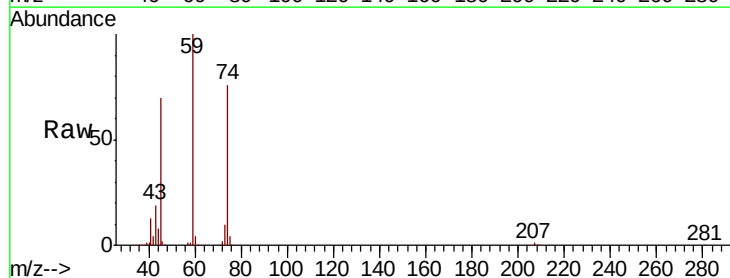
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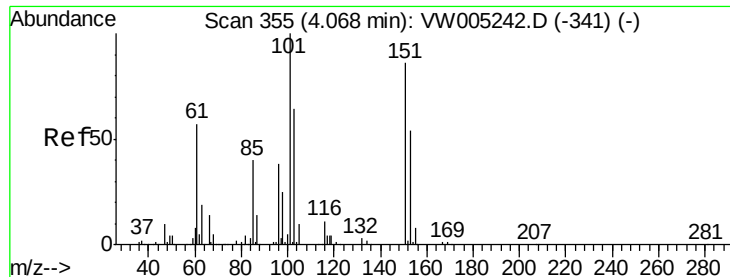


#8

Diethyl Ether
Concen: 49.63 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.05 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

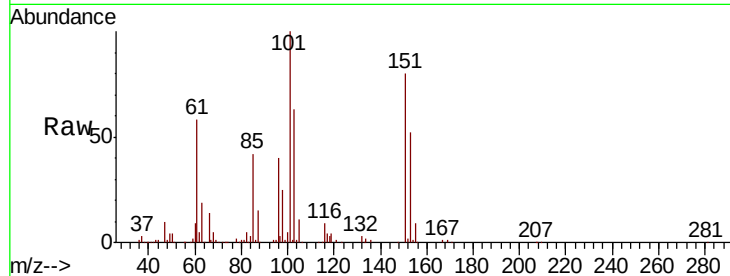
ClientSampleId :

VSTDCCC050

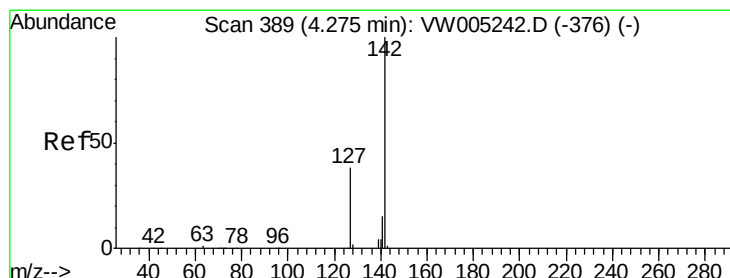
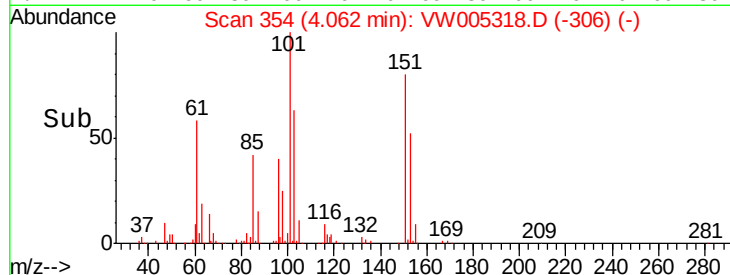
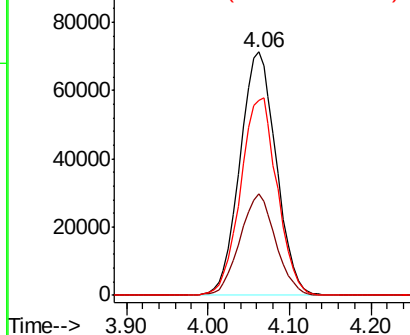
Tot Ion:	101	Resp:	220057
Ion Ratio	Lower	Upper	
101	100		
85	41.0	32.7	49.1
151	82.0	67.6	101.4

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.53 ug/l

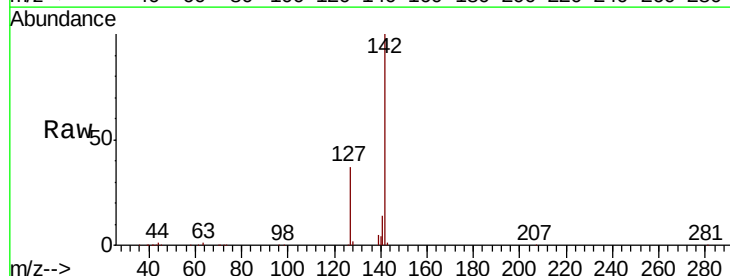
RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

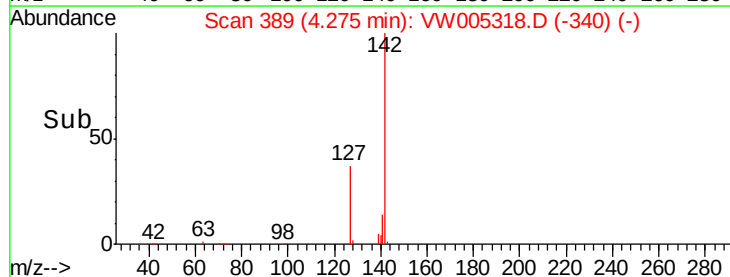
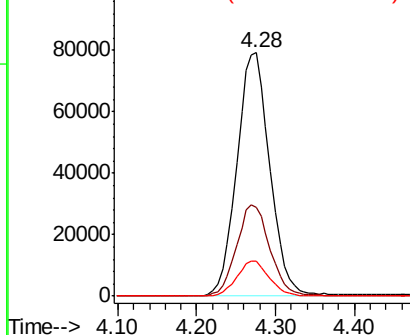
Lab File: VW005318.D

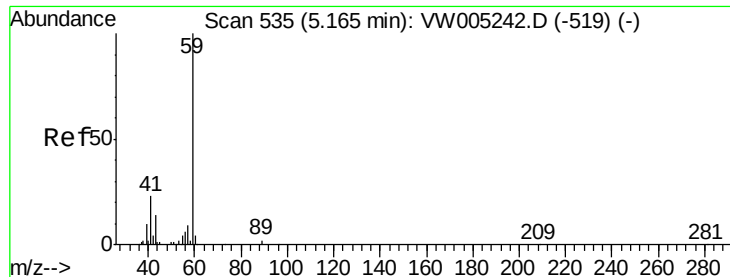
Acq: 12 Sep 2018 11:47

Tgt Ion:	142	Resp:	230742
Ion Ratio	Lower	Upper	
142	100		
127	37.9	30.3	45.5
141	14.1	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





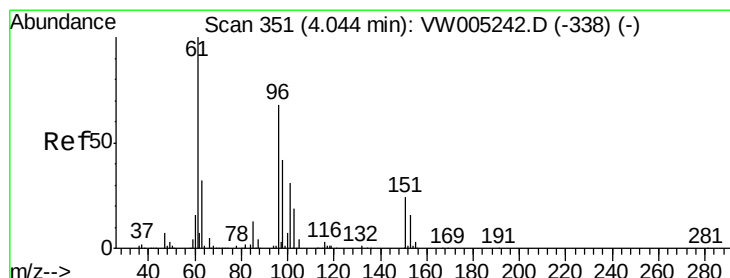
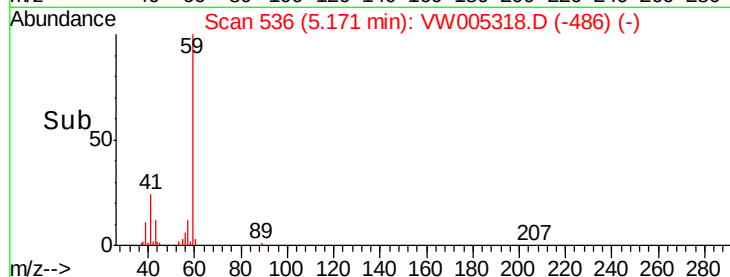
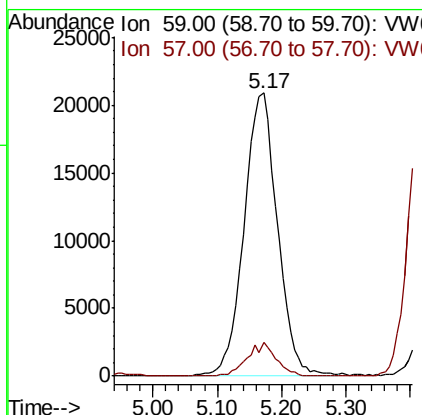
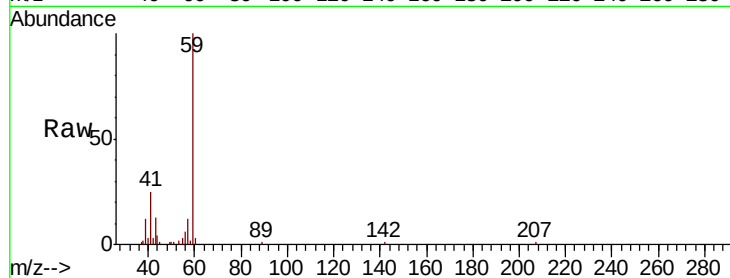
#11
Tert butyl alcohol
Concen: 241.81 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 74527
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

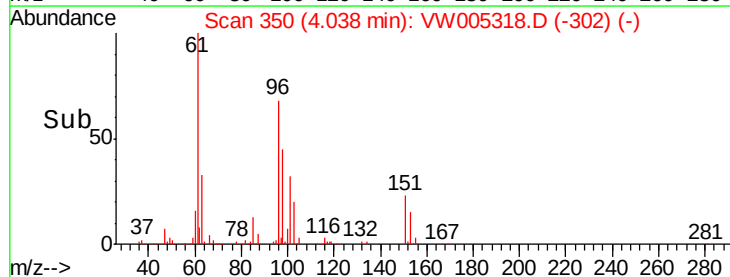
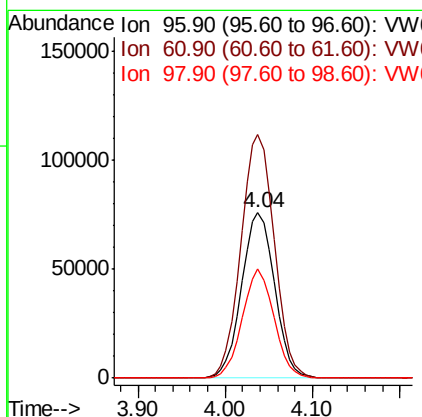
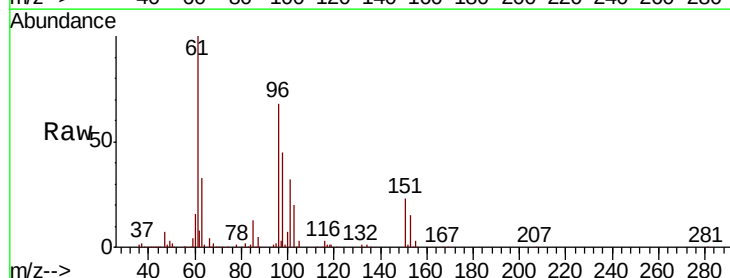
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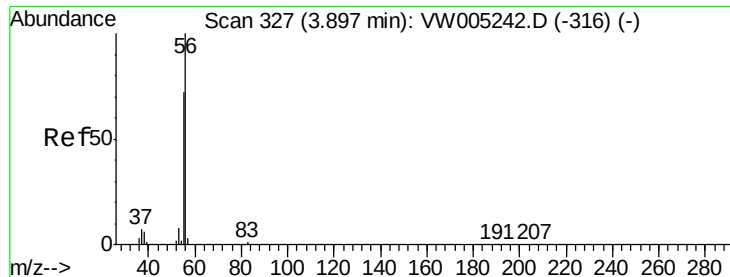
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#12
1,1-Dichloroethene
Concen: 50.41 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 96 Resp: 200078
Ion Ratio Lower Upper
96 100
61 147.6 118.2 177.2
98 66.0 49.9 74.9





#13

Acrolein

Concen: 252.25 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 75101

Ion Ratio Lower Upper

56 100

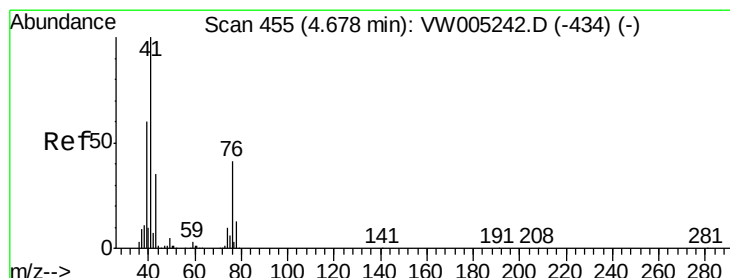
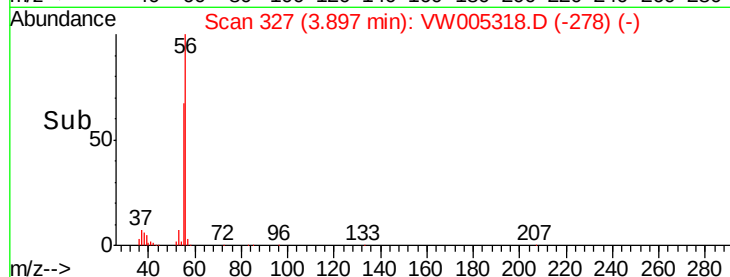
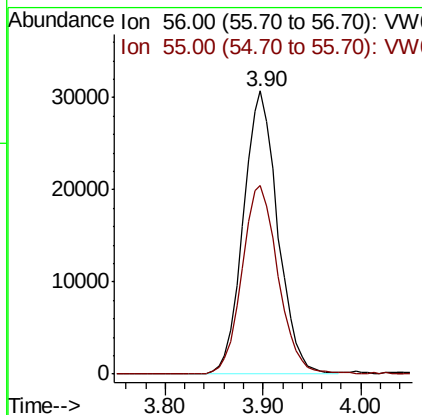
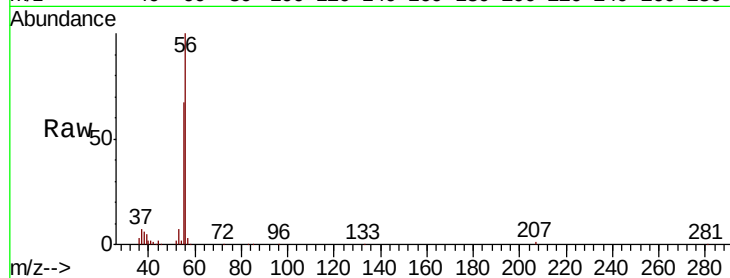
55 70.1 56.8 85.2

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#14

Allyl chloride

Concen: 51.83 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

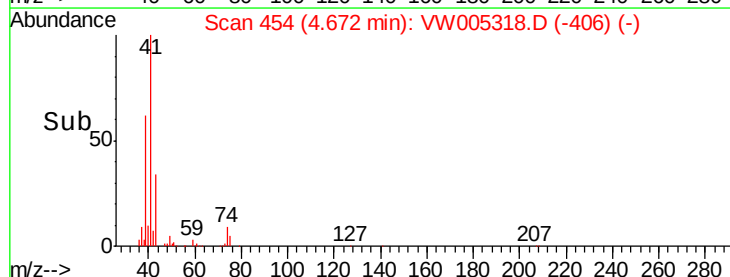
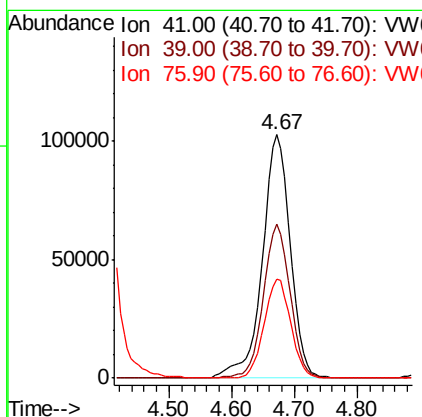
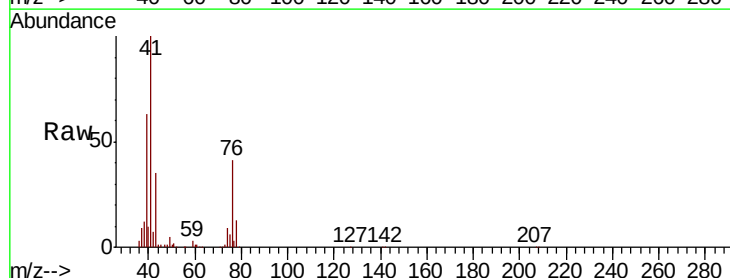
Tgt Ion: 41 Resp: 316072

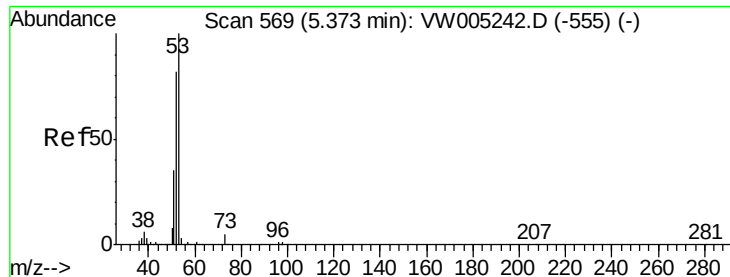
Ion Ratio Lower Upper

41 100

39 60.8 48.2 72.4

76 38.4 31.7 47.5





#15

Acrylonitrile

Concen: 263.59 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

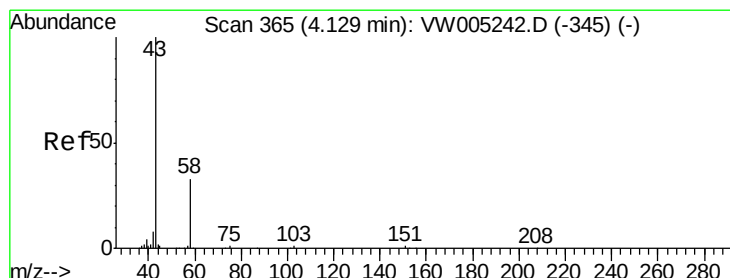
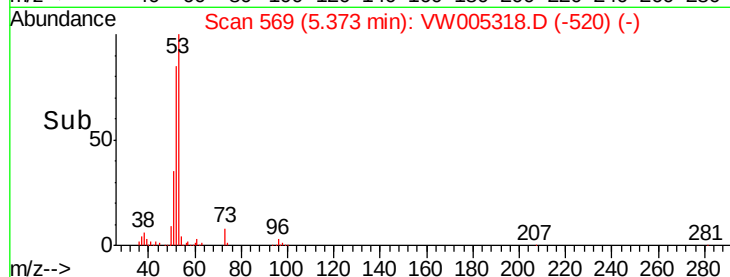
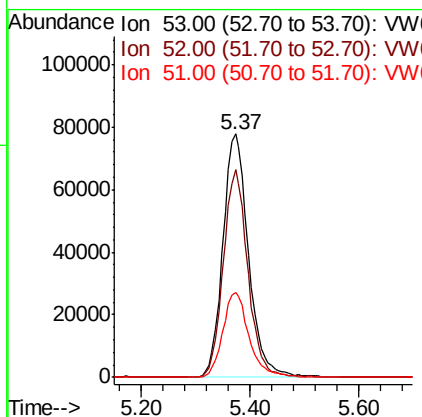
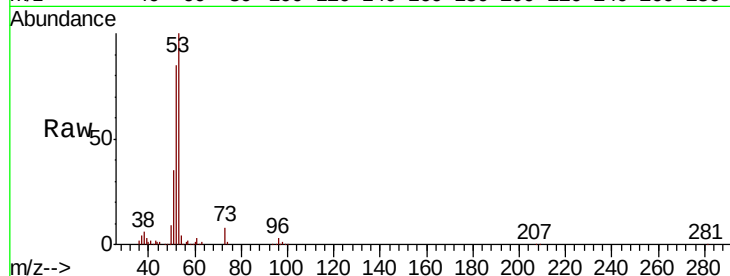
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	255777
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.0	99.0
51	35.5	28.6	43.0

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#16

Acetone

Concen: 277.55 ug/l

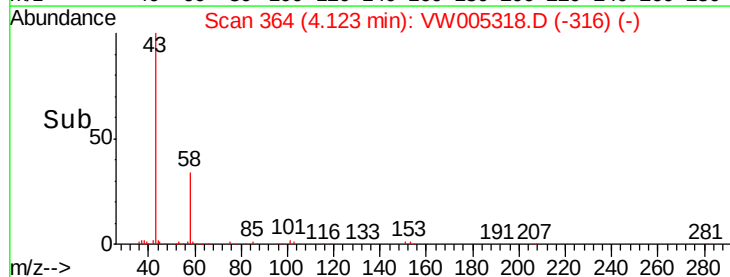
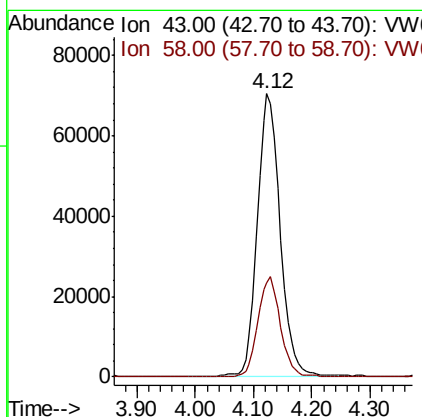
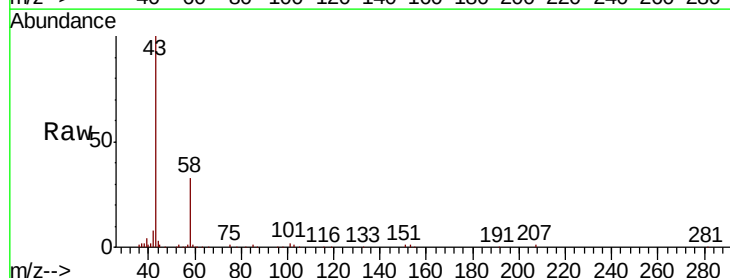
RT: 4.12 min Scan# 364

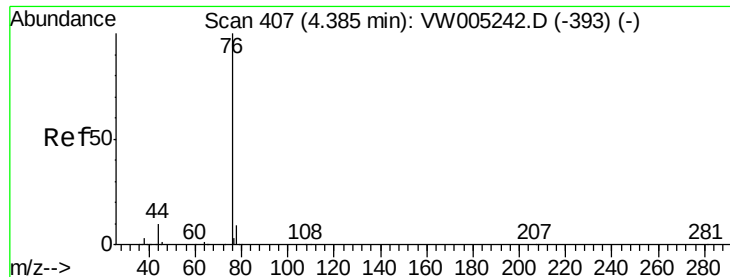
Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:	43	Resp:	193615
Ion Ratio	Lower	Upper	
43	100		
58	33.0	26.7	40.1





#17

Carbon Disulfide

Concen: 53.40 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 744008

Ion Ratio Lower Upper

76 100

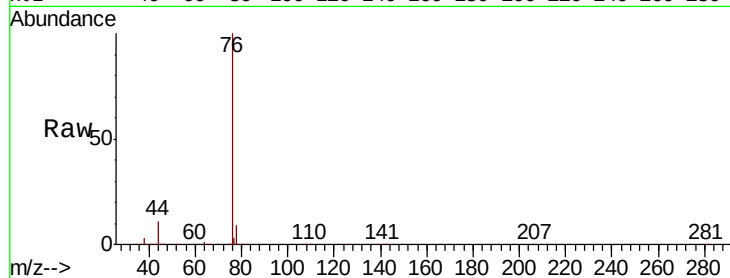
78 9.3 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

250000

200000

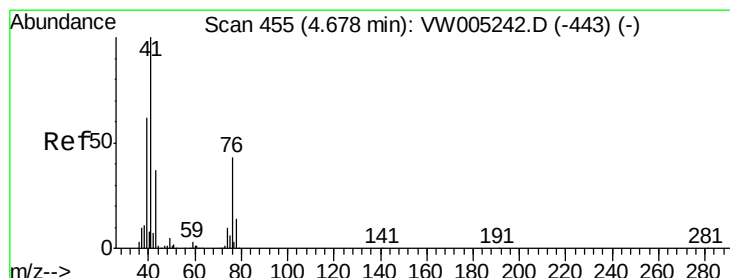
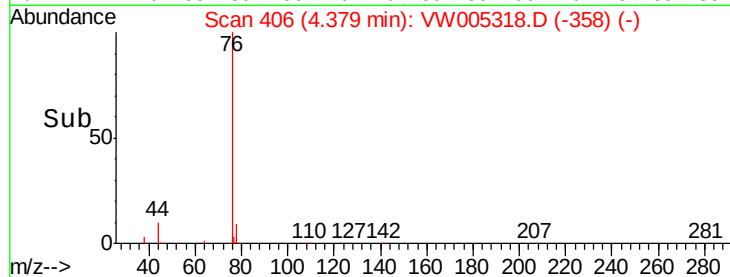
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.59 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005318.D

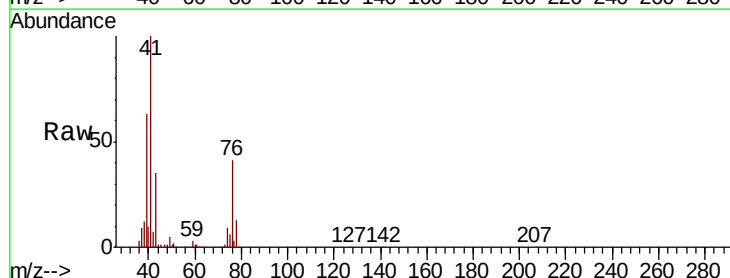
Acq: 12 Sep 2018 11:47

Tgt Ion: 43 Resp: 107438

Ion Ratio Lower Upper

43 100

74 25.9 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

40000

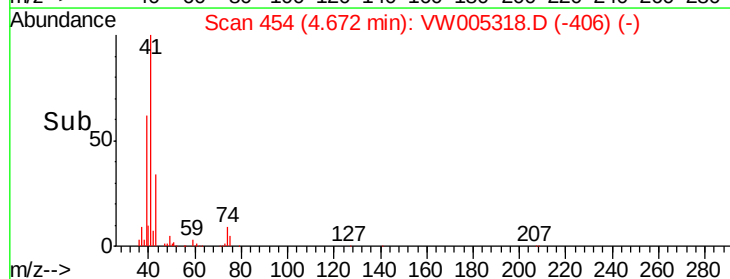
30000

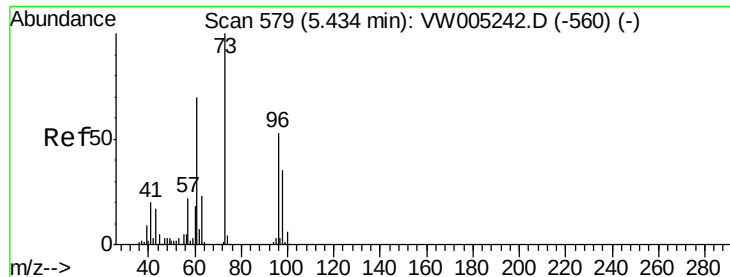
20000

10000

0

Time-->





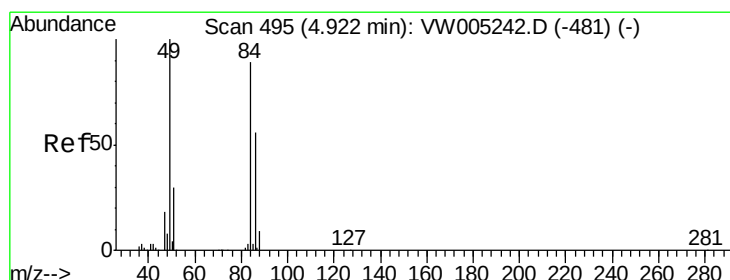
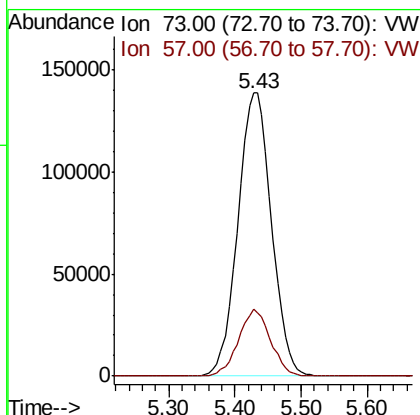
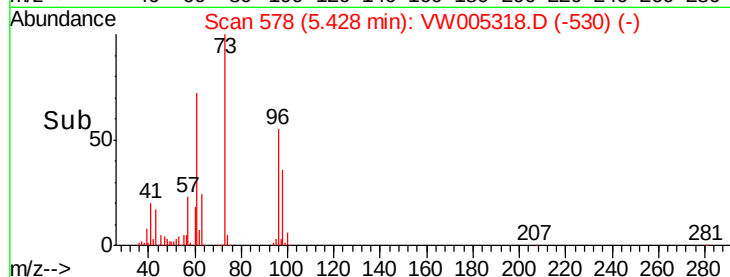
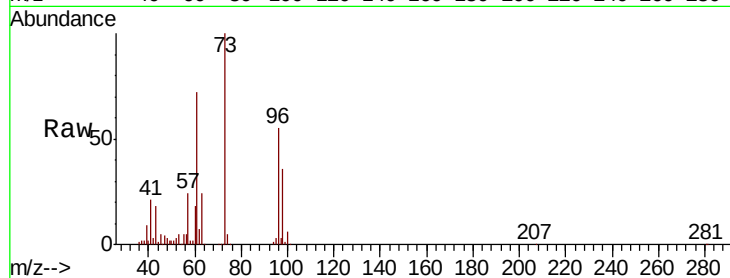
#19
Methyl tert-butyl Ether
Concen: 51.62 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 487959
Ion Ratio Lower Upper
73 100
57 23.9 17.4 26.2

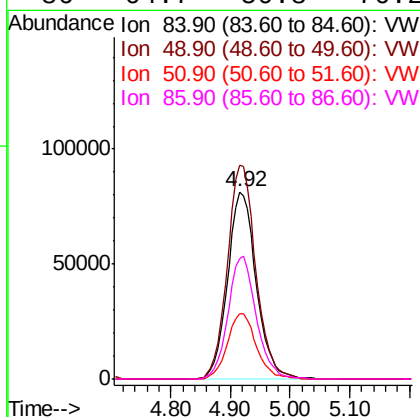
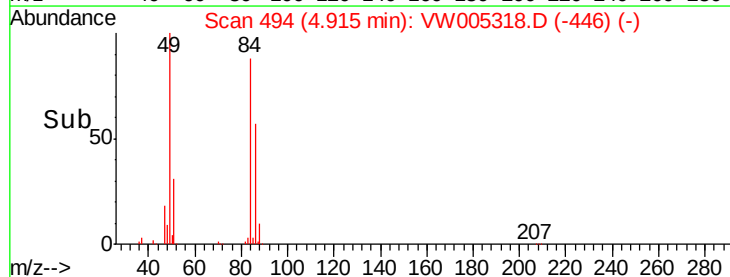
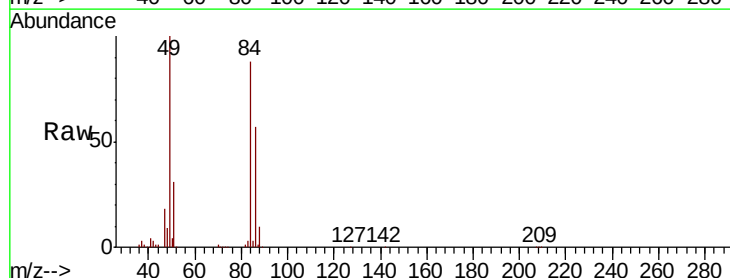
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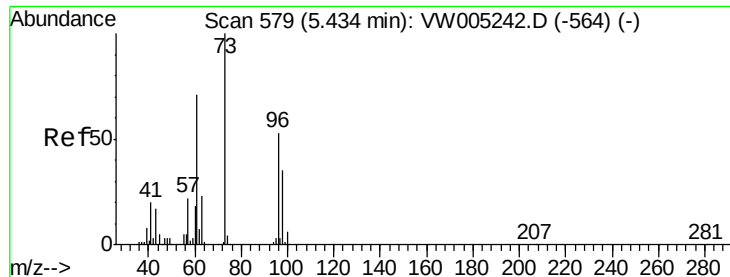
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#20
Methylene Chloride
Concen: 52.54 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 84 Resp: 271507
Ion Ratio Lower Upper
84 100
49 114.3 90.3 135.5
51 35.0 26.9 40.3
86 64.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.43 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

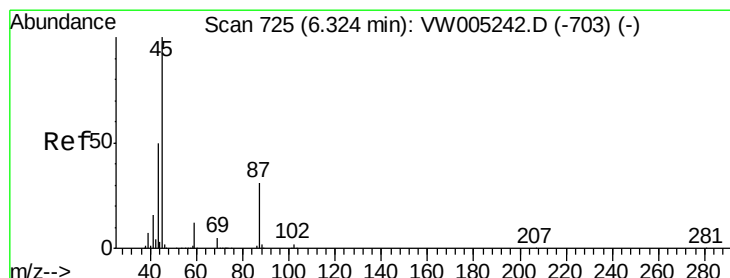
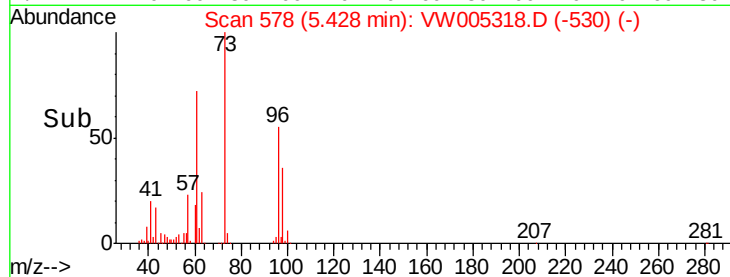
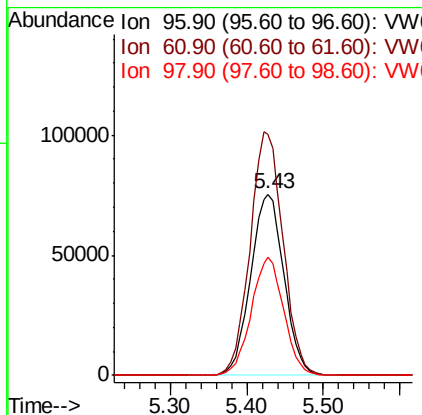
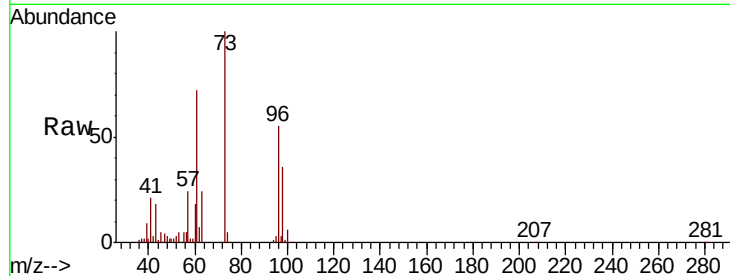
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	229069
Ion	Ratio	Lower	Upper
96	100		
61	132.8	105.7	158.5
98	65.3	52.8	79.2

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#22

Diisopropyl ether

Concen: 54.24 ug/l

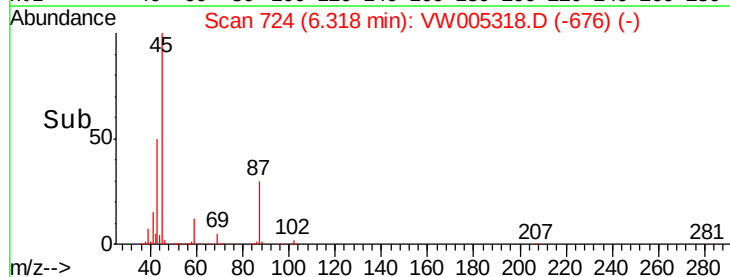
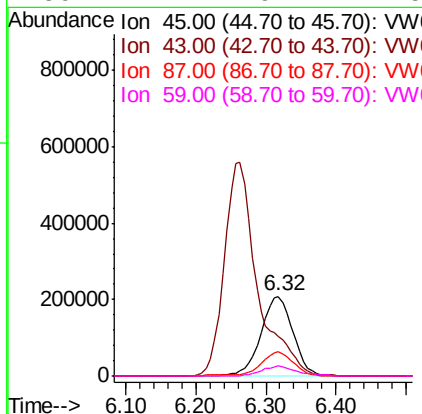
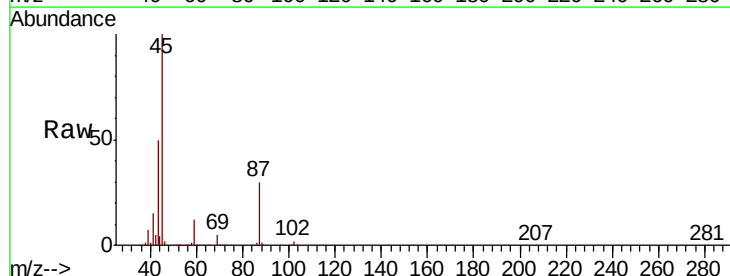
RT: 6.32 min Scan# 724

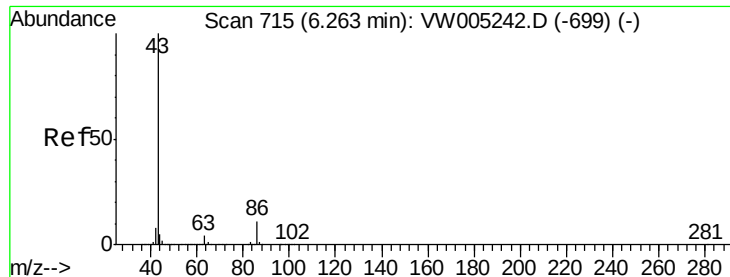
Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:	45	Resp:	665950
Ion	Ratio	Lower	Upper
45	100		
43	49.6	39.6	59.4
87	29.9	24.7	37.1
59	12.1	9.7	14.5





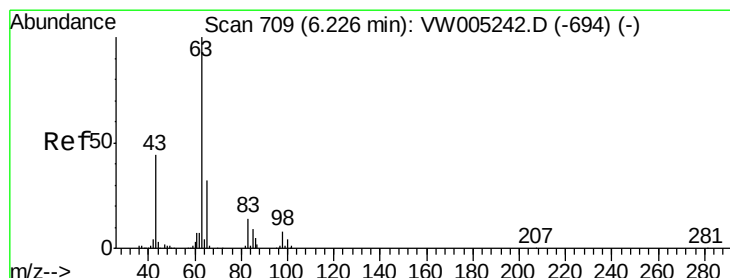
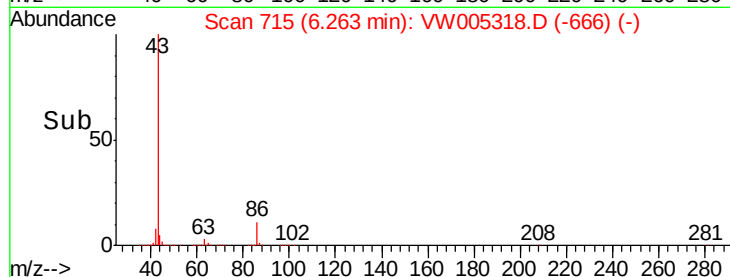
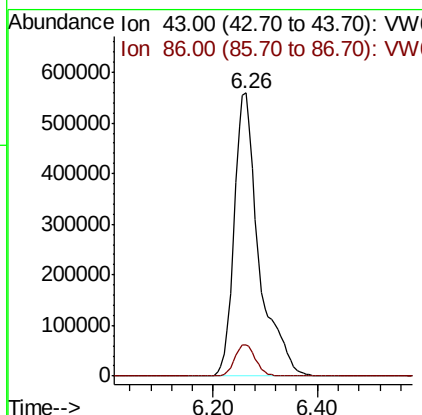
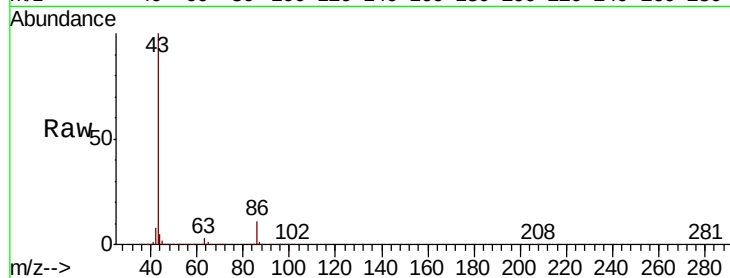
#23
 Vinyl Acetate
 Concen: 269.73 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	1845629
Ion Ratio	Lower	Upper	
43	100		
86	11.0	8.9	13.3

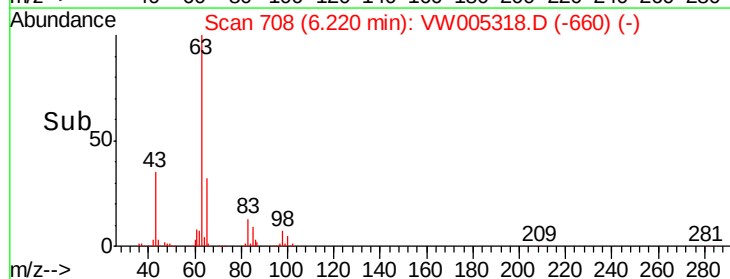
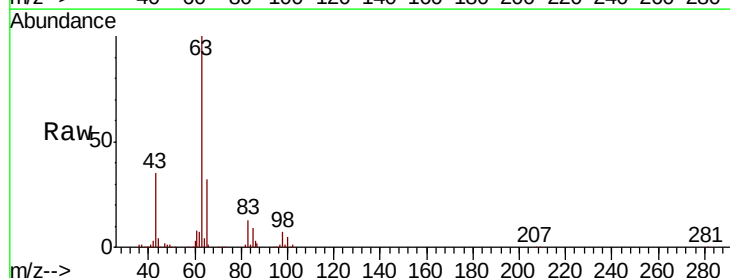
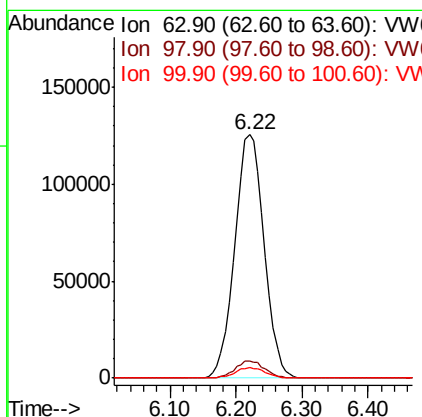
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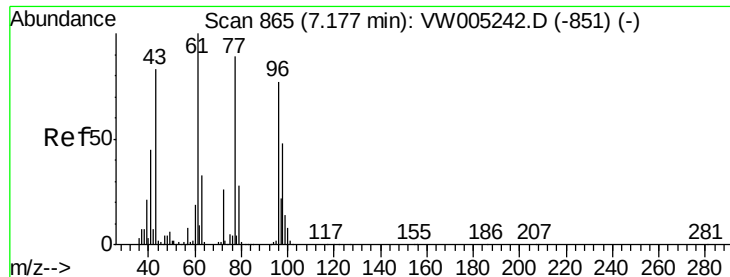
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#24
 1,1-Dichloroethane
 Concen: 51.09 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	63	Resp	386149
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.8	11.4
100	4.6	2.2	6.6





#25

2-Butanone

Concen: 271.37 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 298602

Ion Ratio Lower Upper

43 100

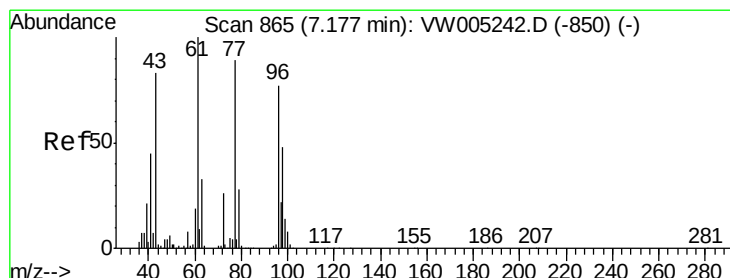
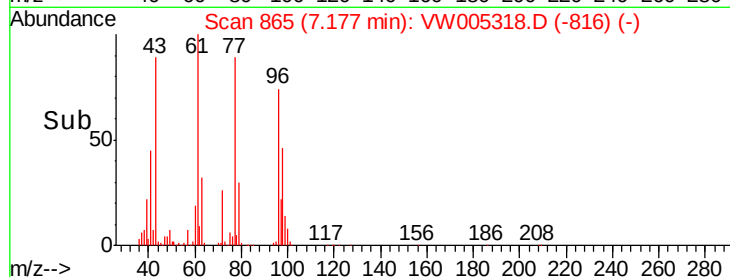
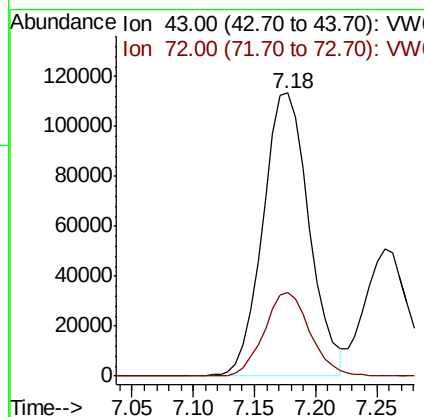
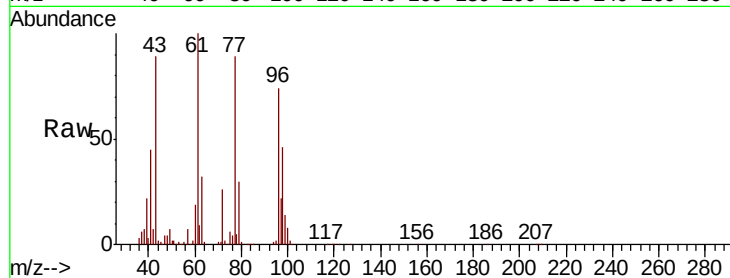
72 29.6 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 52.85 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005318.D

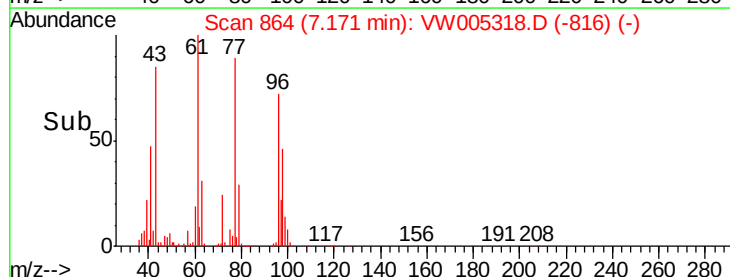
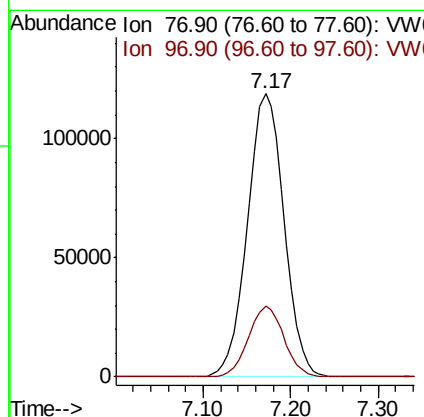
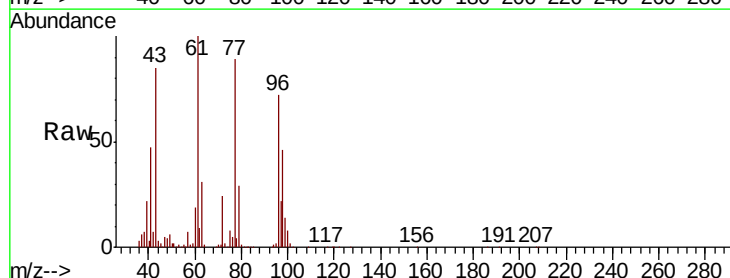
Acq: 12 Sep 2018 11:47

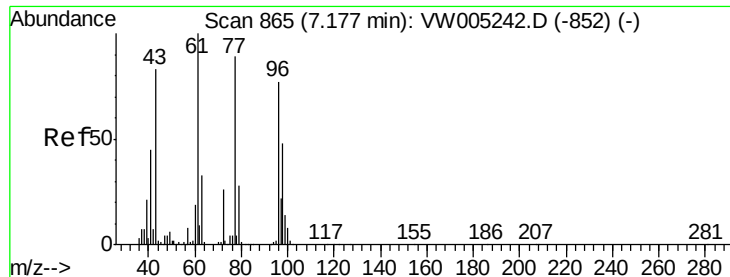
Tgt Ion: 77 Resp: 346320

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 50.27 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

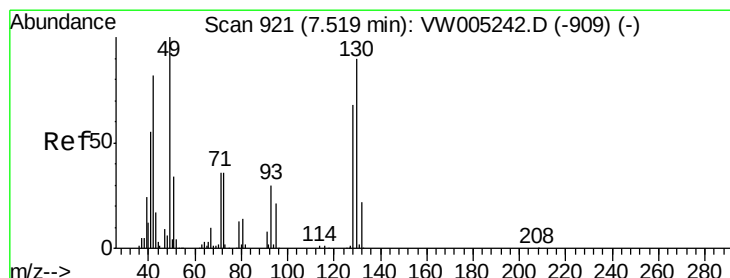
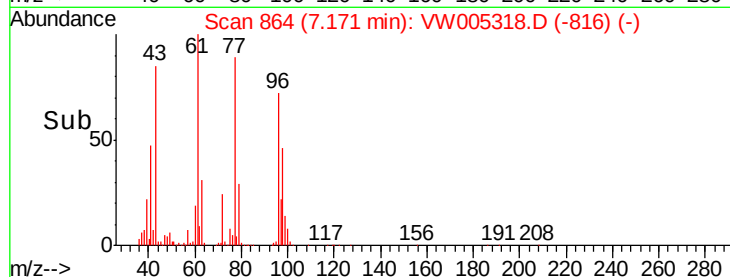
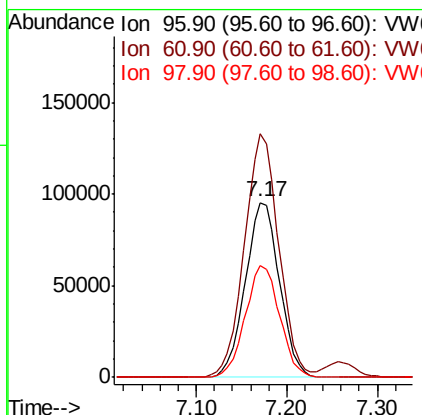
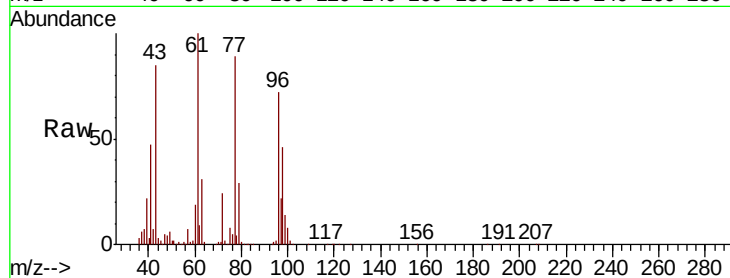
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	249353
Ion Ratio	Lower	Upper	
96	100		
61	140.0	0.0	273.4
98	64.2	0.0	127.8

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#28

Bromochloromethane

Concen: 52.34 ug/l

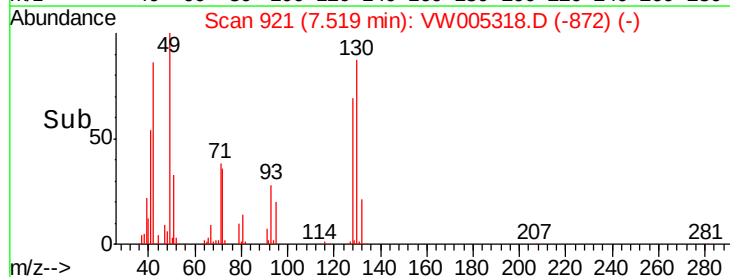
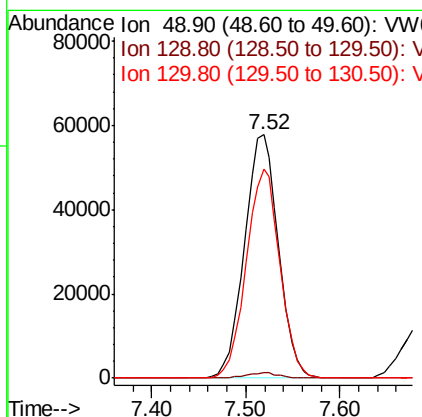
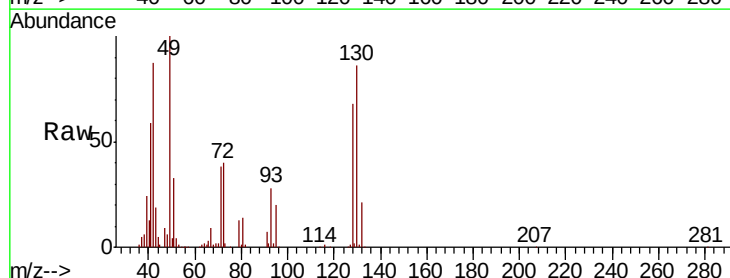
RT: 7.52 min Scan# 921

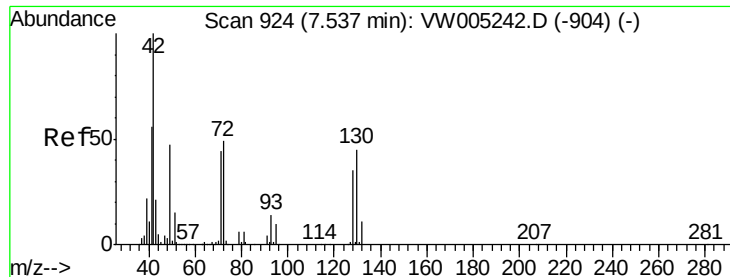
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:	49	Resp:	145929
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	2.0#
130	85.1	71.2	106.8





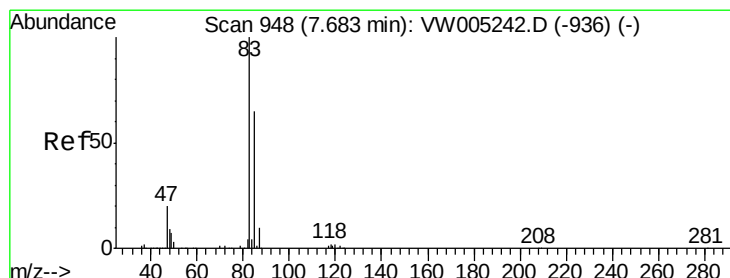
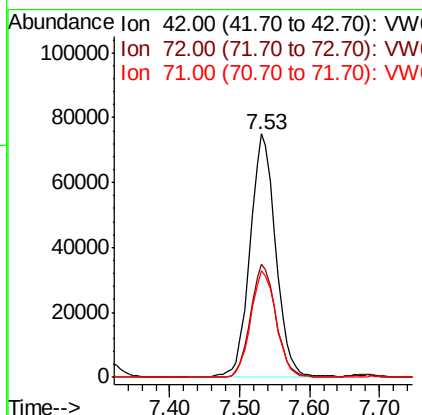
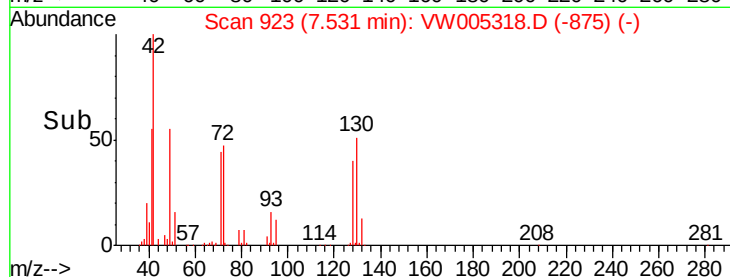
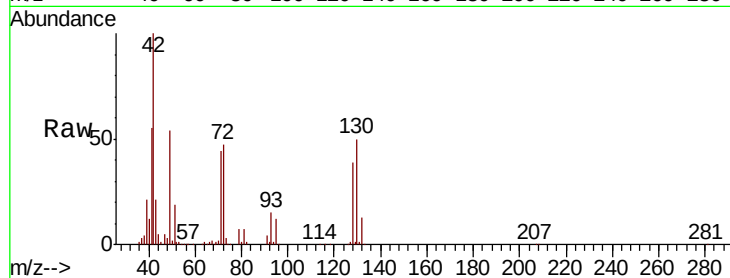
#29
Tetrahydrofuran
Concen: 257.75 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	191132
Ion Ratio		Lower	Upper
42	100		
72	45.9	37.5	56.3
71	43.3	34.8	52.2

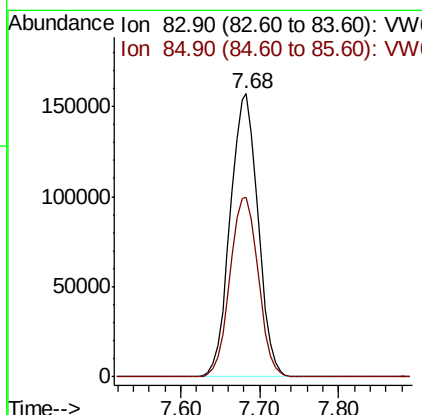
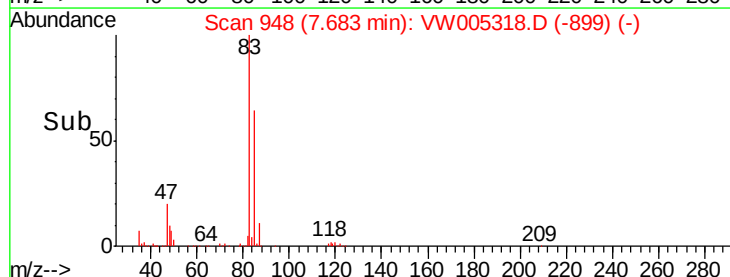
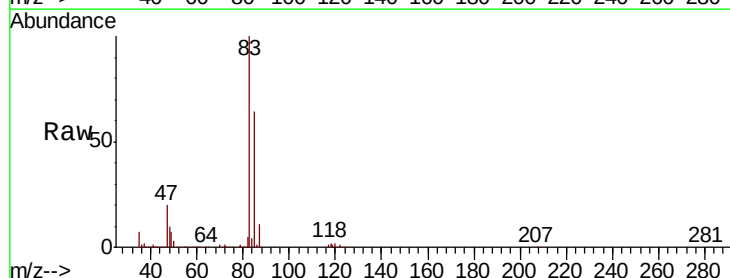
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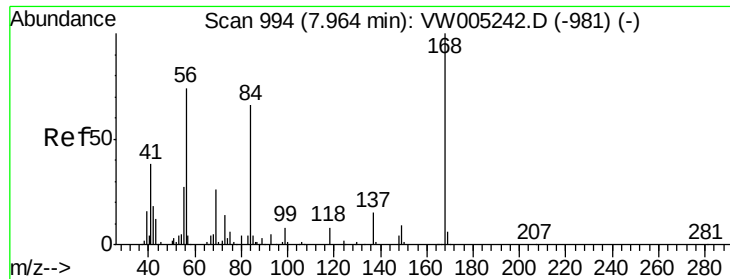
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#30
Chloroform
Concen: 50.78 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion:	83	Resp:	385139
Ion Ratio		Lower	Upper
83	100		
85	63.7	51.7	77.5





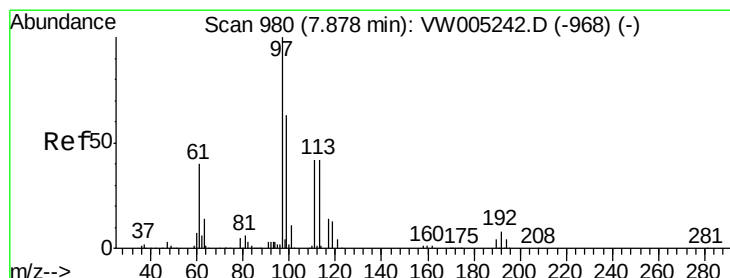
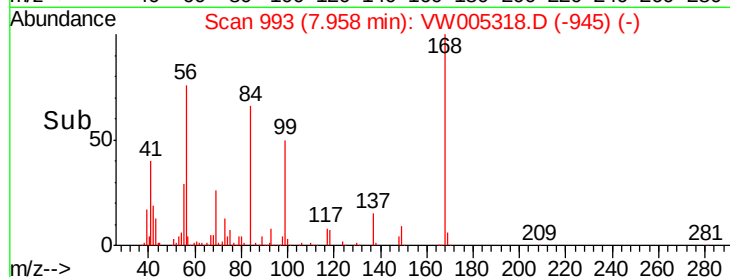
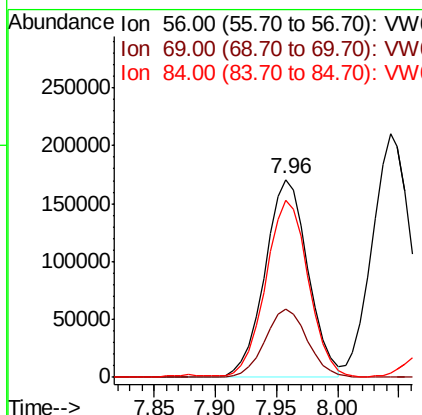
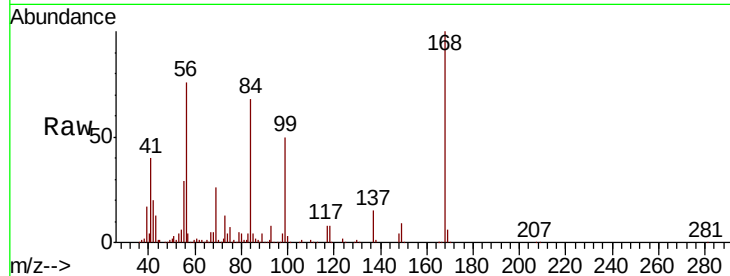
#31
Cyclohexane
Concen: 52.03 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.8	41.8
84	87.8	72.1	108.1

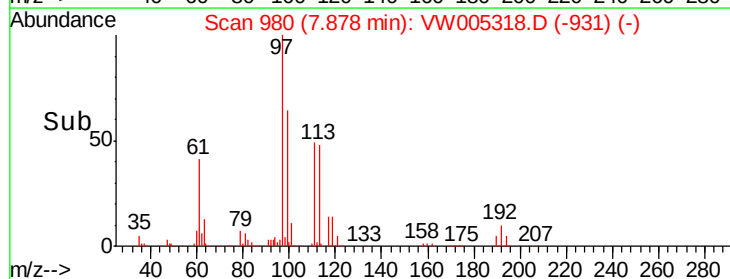
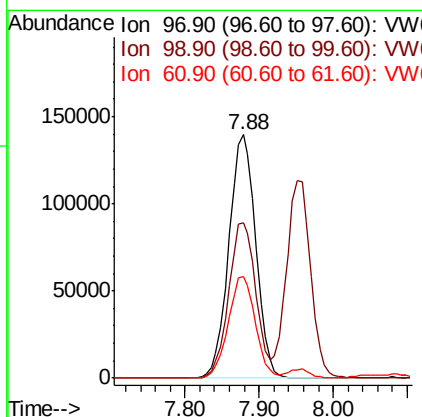
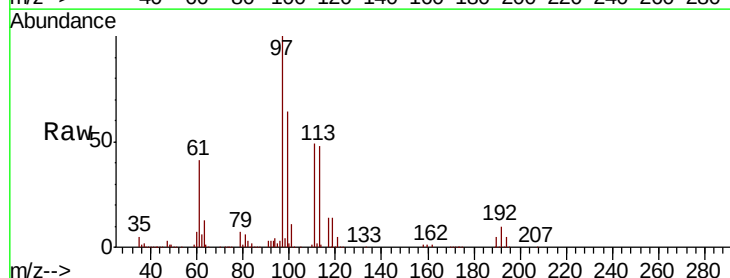
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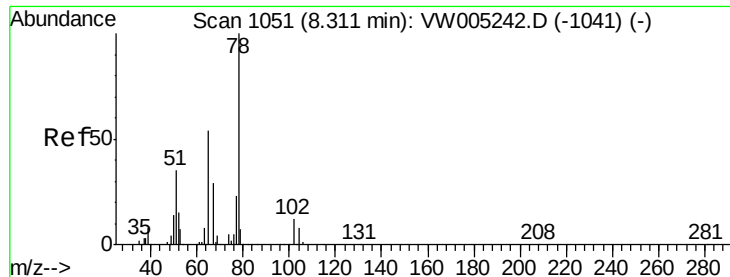
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#32
1,1,1-Trichloroethane
Concen: 51.47 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	41.9	32.5	48.7





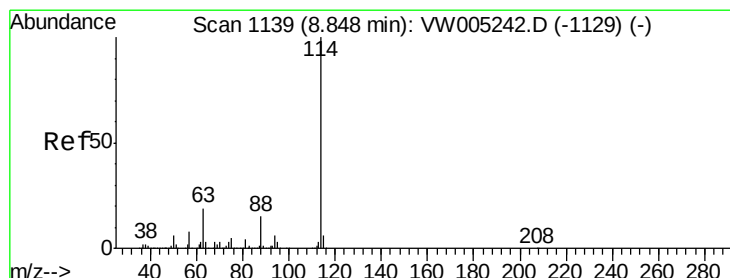
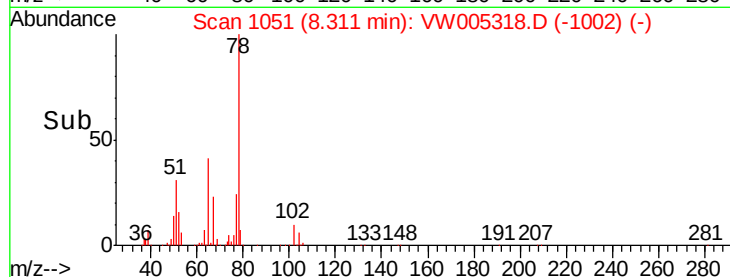
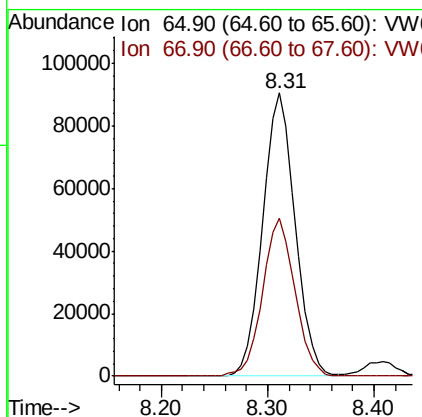
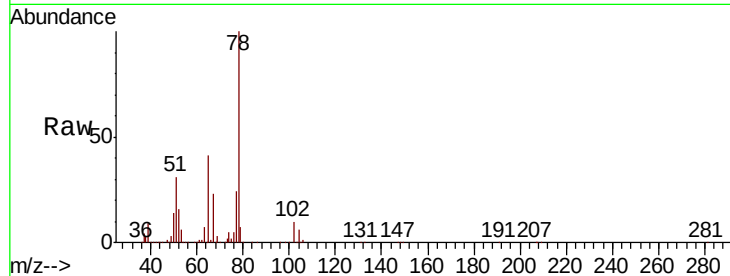
#33
 1,2-Dichloroethane-d4
 Concen: 51.27 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192681		
67	55.7	0.0	112.2	

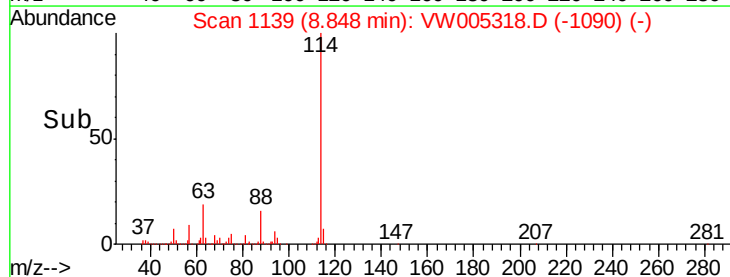
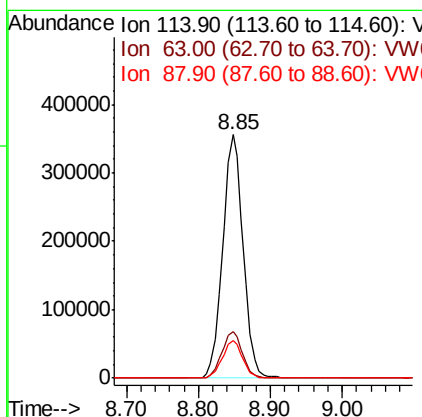
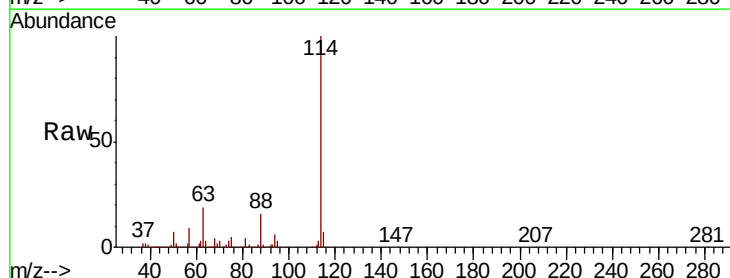
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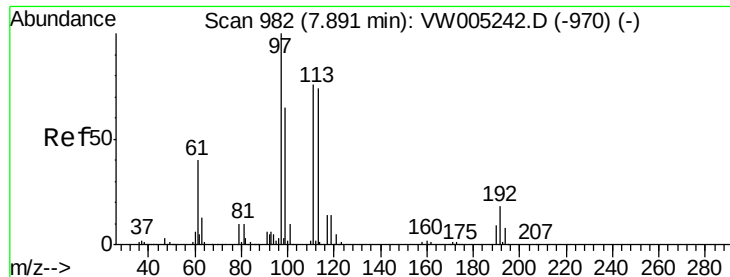
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	700470		
63	19.3	0.0	37.0	
88	15.6	0.0	30.4	





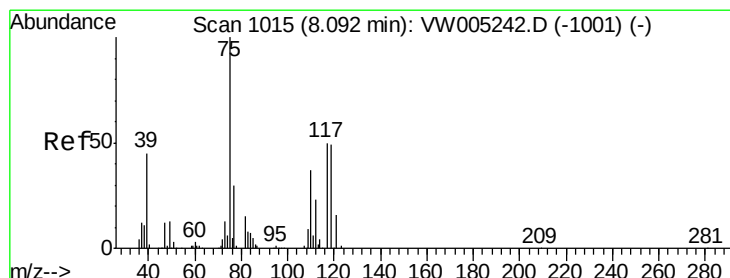
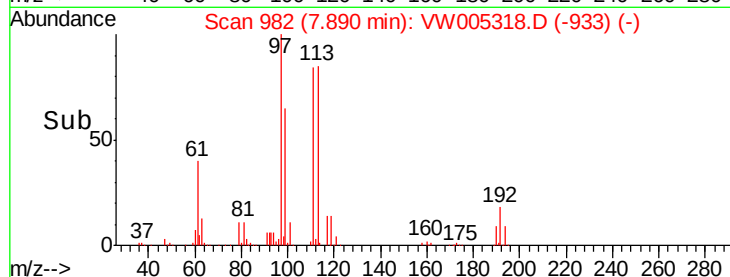
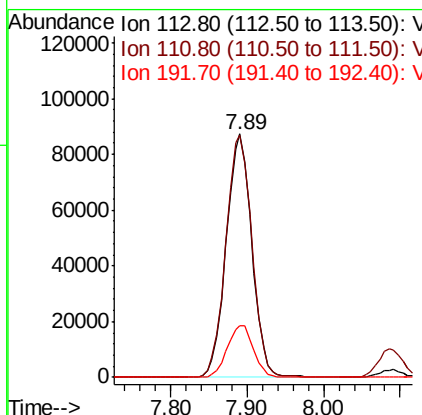
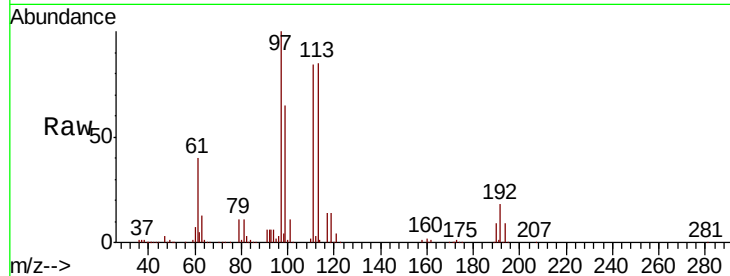
#35
 Dibromofluoromethane
 Concen: 54.82 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	201158		
111	101.8	80.6	121.0	
192	21.7	18.3	27.5	

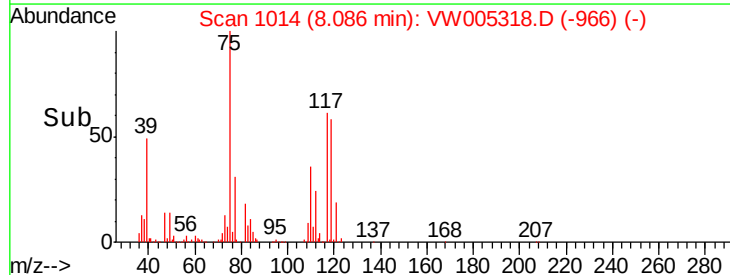
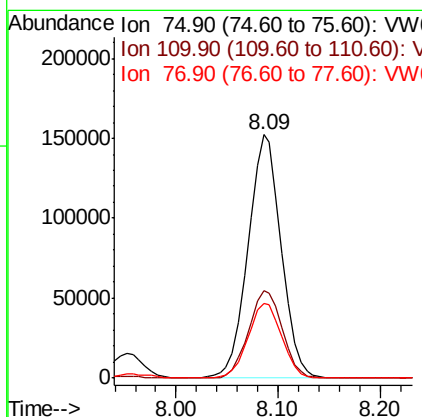
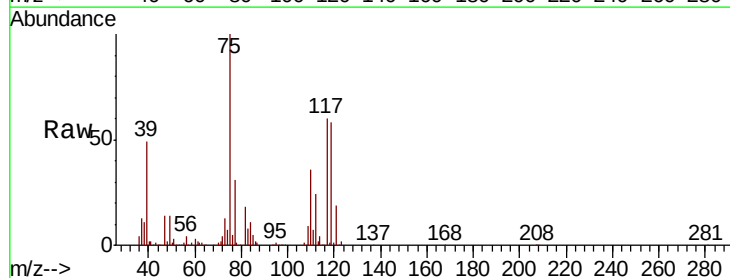
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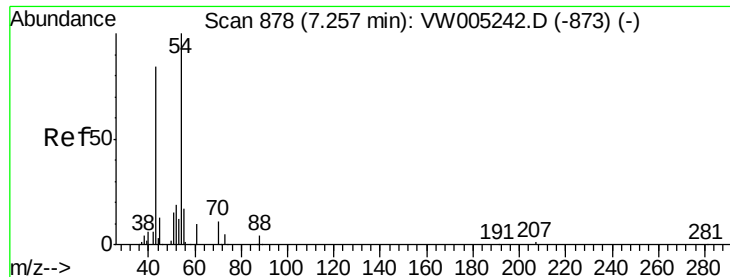
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#36
 1,1-Dichloropropene
 Concen: 53.28 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	341928		
110	37.0	18.8	56.4	
77	31.6	24.9	37.3	





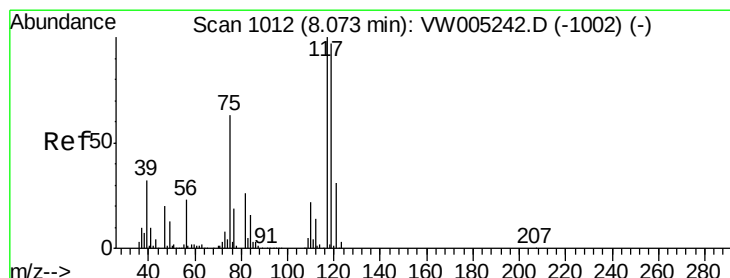
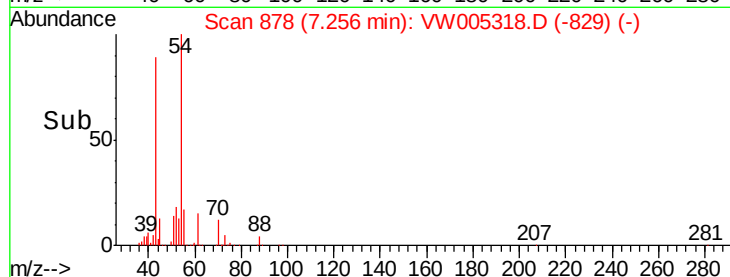
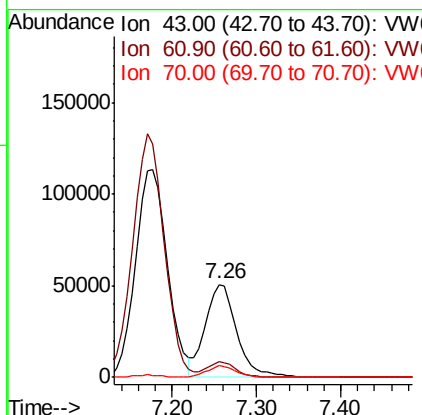
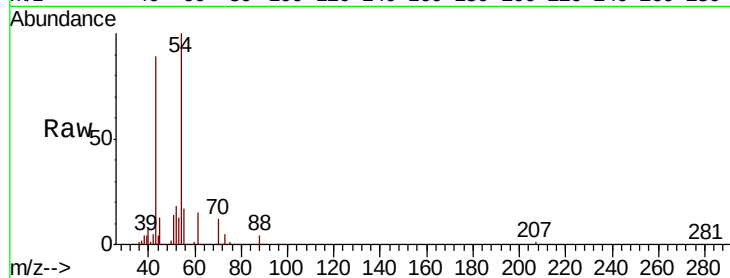
#37
Ethyl Acetate
Concen: 53.76 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	131224
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.3	18.5
70	11.7	9.5	14.3

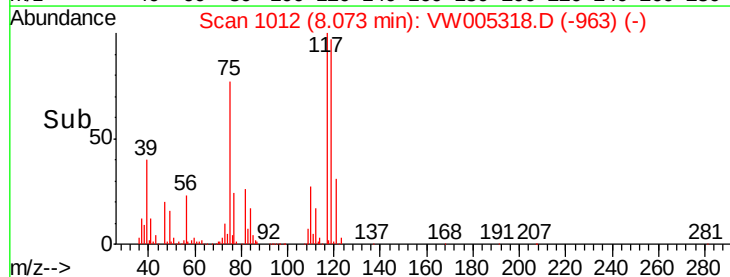
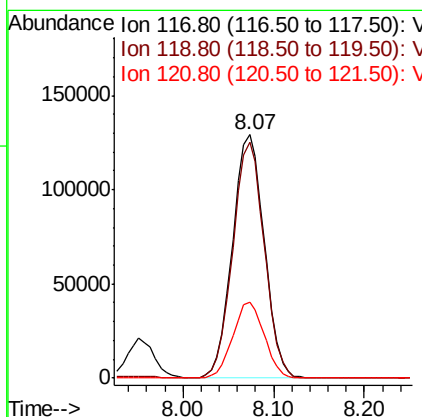
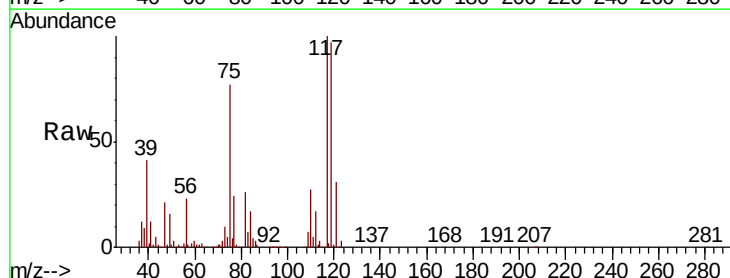
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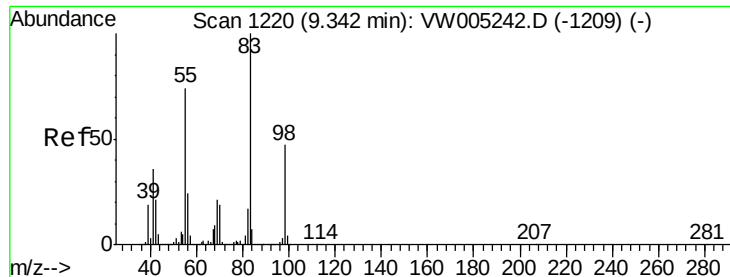
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#38
Carbon Tetrachloride
Concen: 52.28 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion:	117	Resp:	314293
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
121	31.2	24.7	37.1





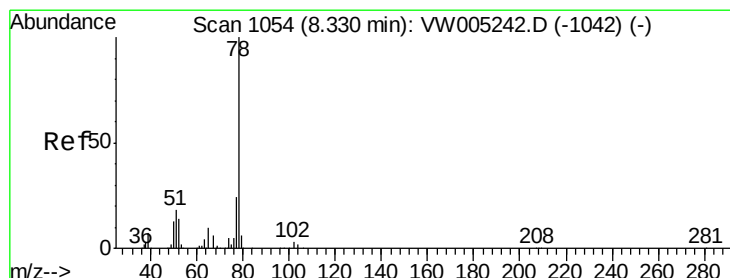
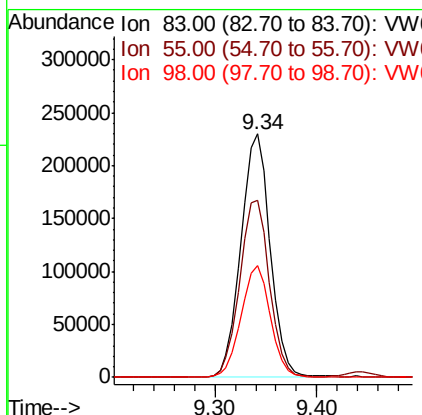
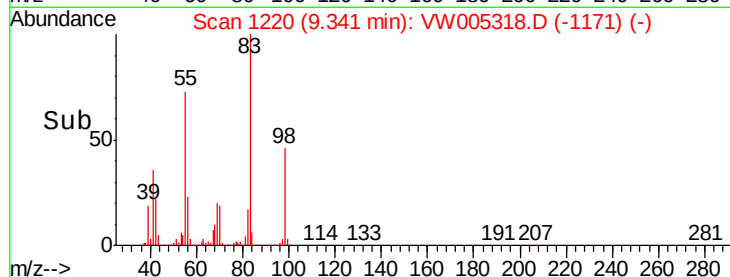
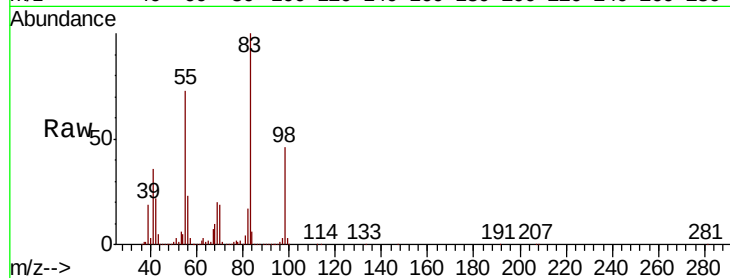
#39
Methylvlcyclohexane
Concen: 54.04 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	58.9	88.3
98	45.9	37.6	56.4

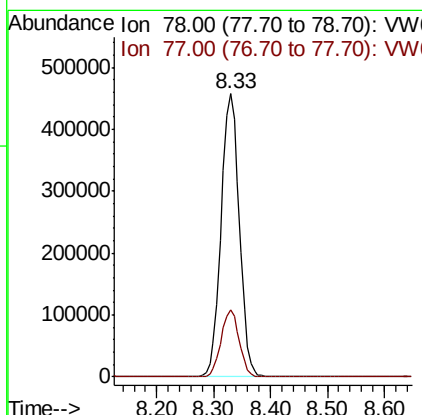
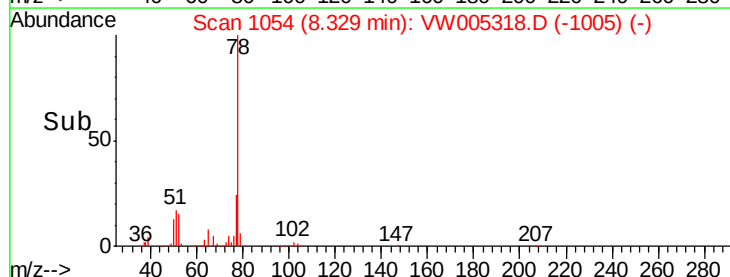
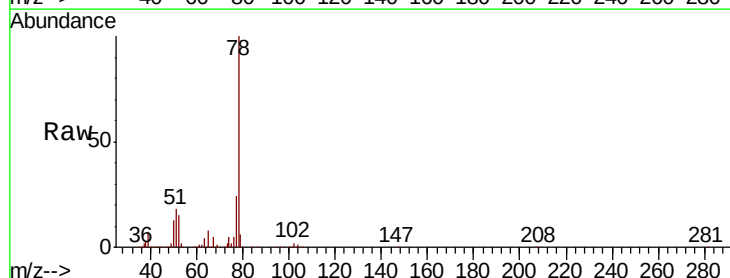
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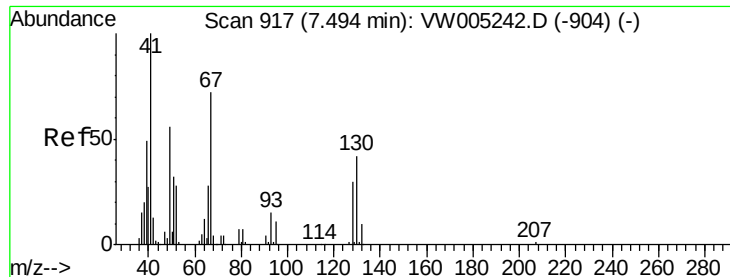
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#40
Benzene
Concen: 53.51 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





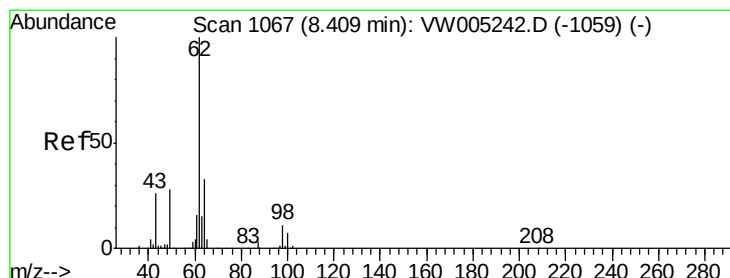
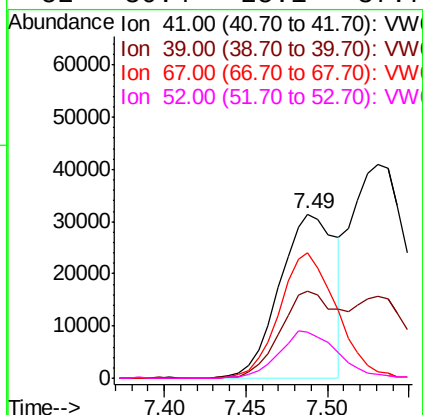
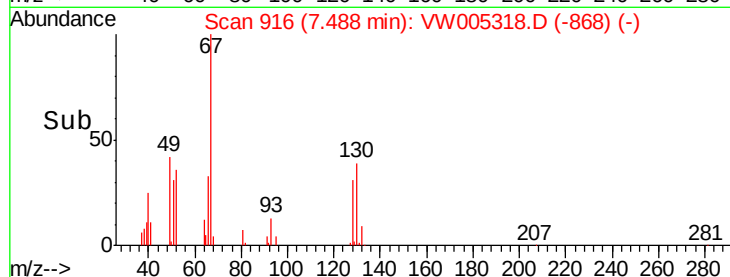
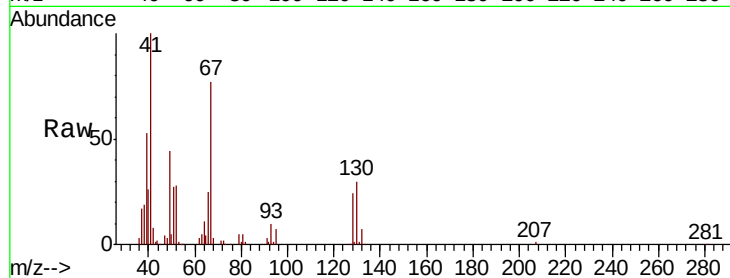
#41
Methacrylonitrile
Concen: 60.12 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	39.9	59.9	
67	78.4	65.7	98.5	
52	30.4	25.1	37.7	

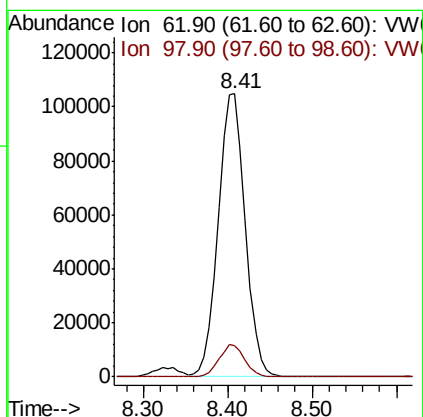
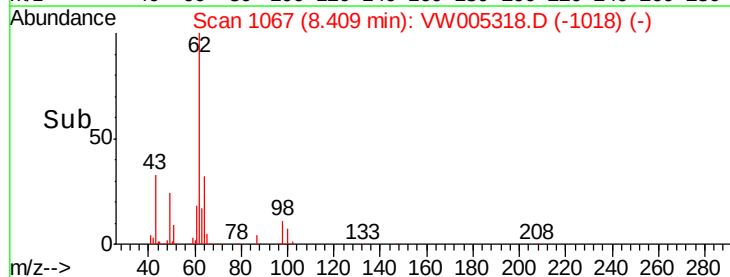
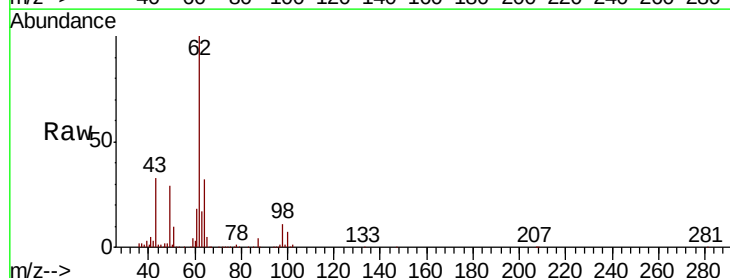
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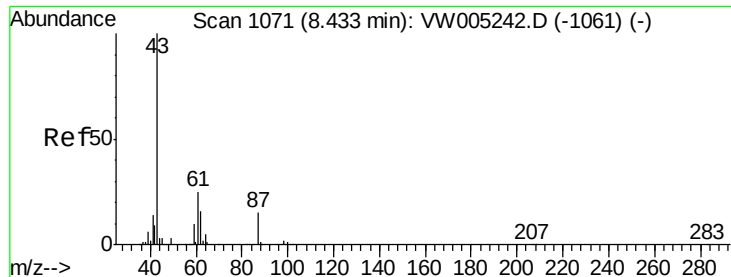
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#42
1,2-Dichloroethane
Concen: 51.12 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	22.0	





#43

Isopropyl Acetate

Concen: 53.43 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

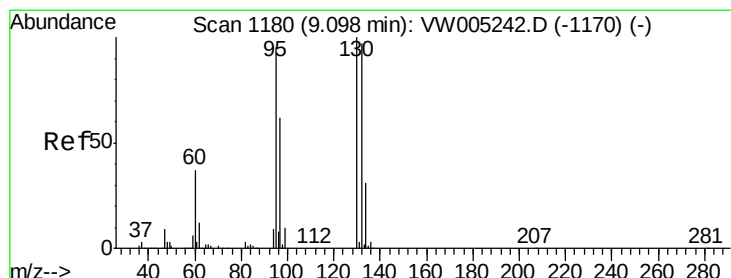
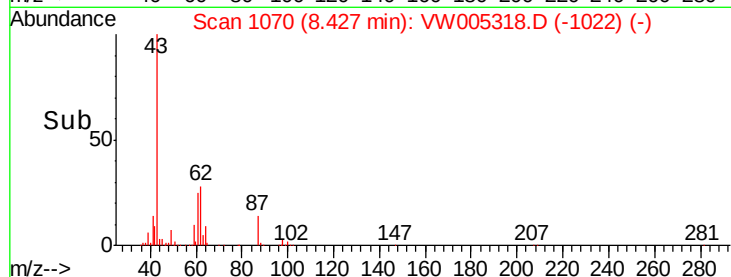
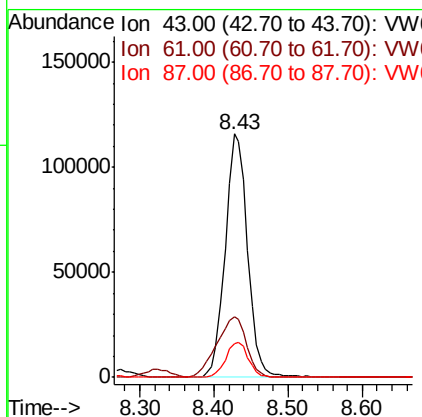
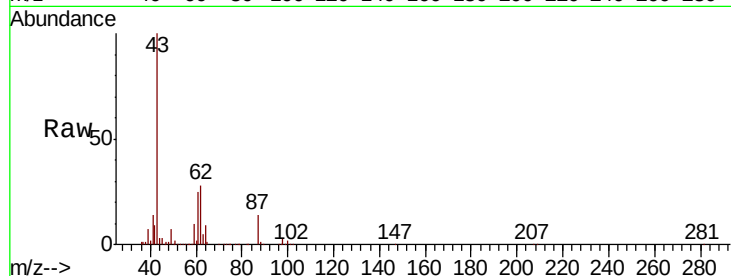
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	242213
Ion	Ratio	Lower	Upper
43	100		
61	32.9	25.4	38.0
87	14.5	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 52.29 ug/l

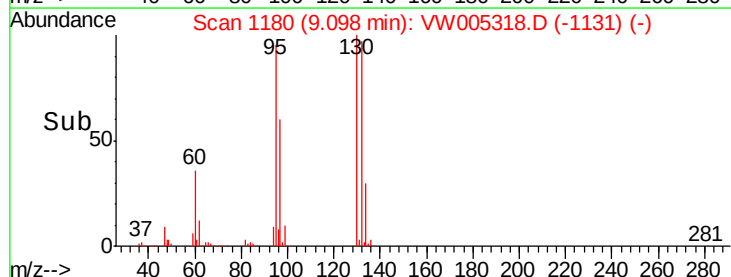
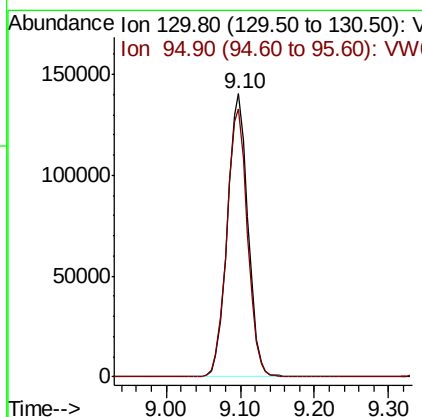
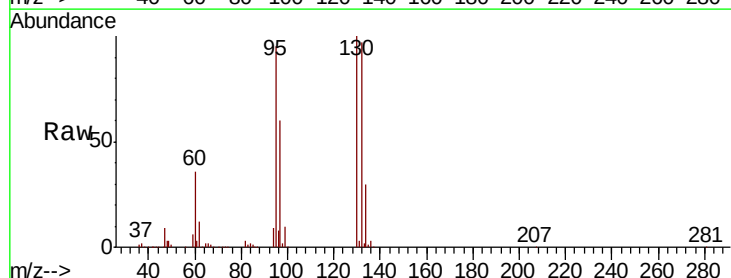
RT: 9.10 min Scan# 1180

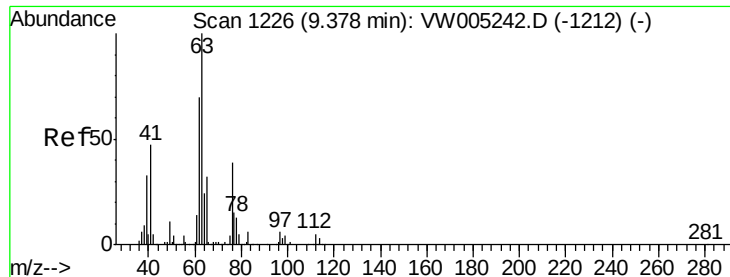
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:	130	Resp:	271215
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	189.6





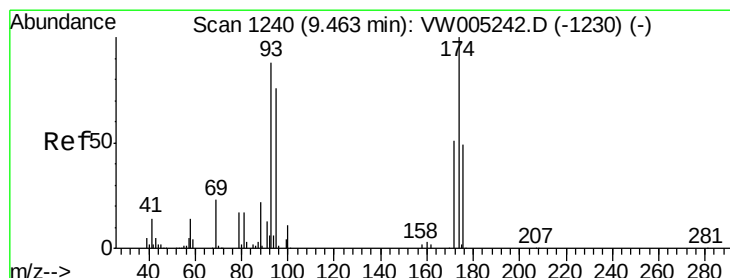
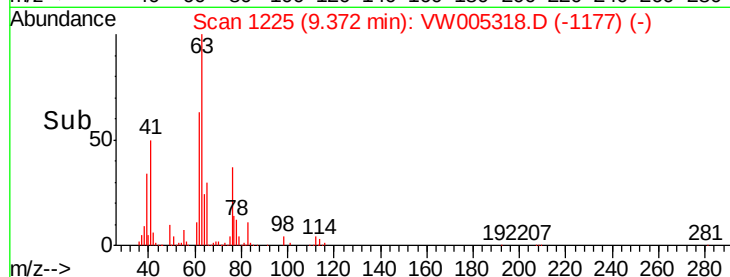
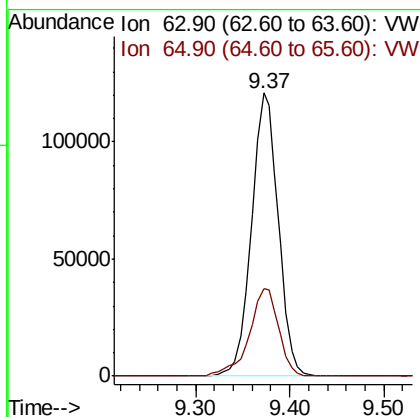
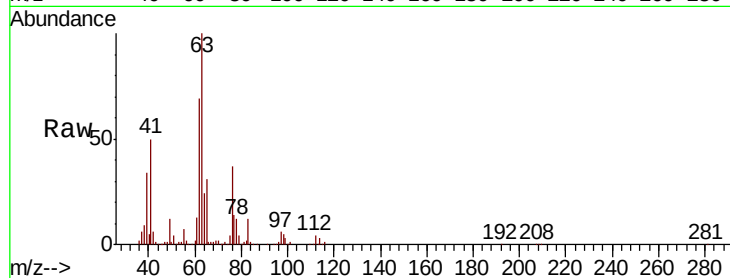
#45
 1,2-Dichloropropane
 Concen: 53.32 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.4	38.2

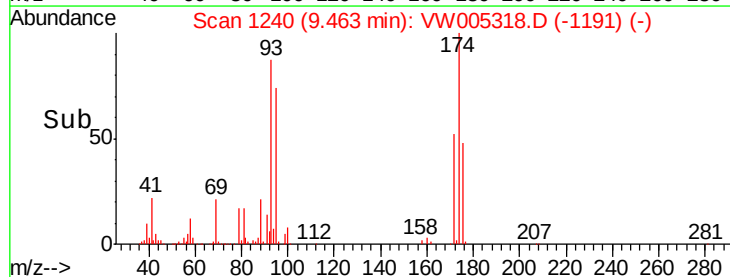
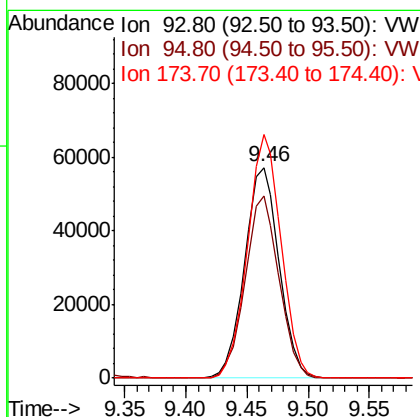
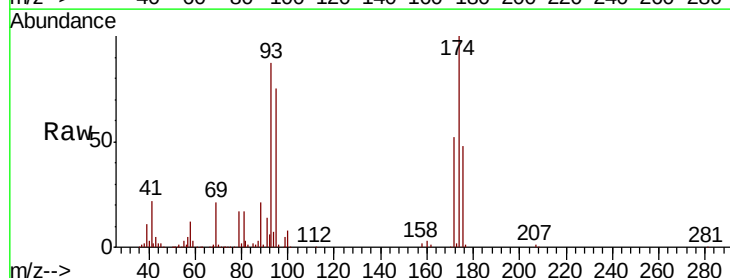
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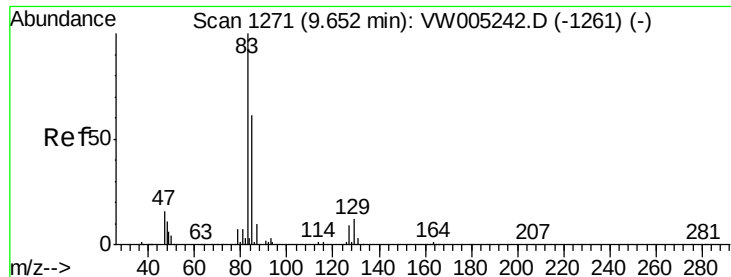
apatel
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#46
 Dibromomethane
 Concen: 50.45 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.0	100.4
174	113.0	92.2	138.2





#47

Bromodichloromethane

Concen: 52.66 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

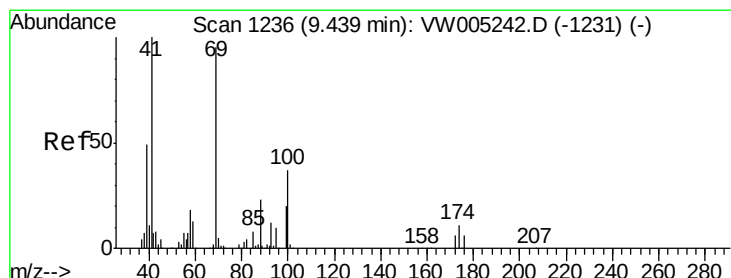
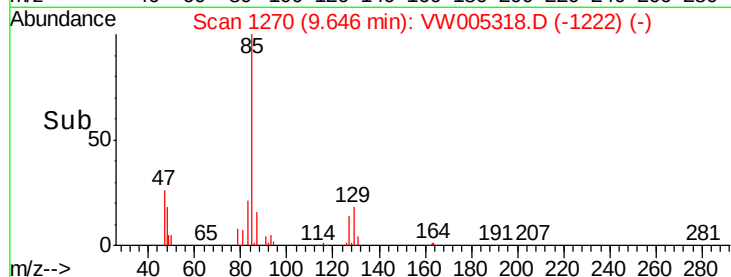
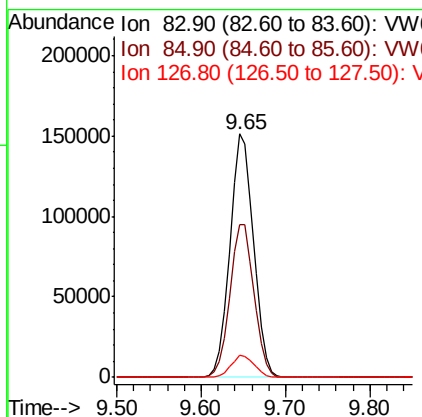
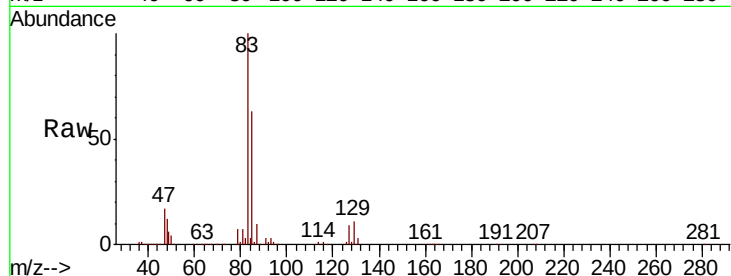
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	286570
Ion Ratio	Lower	Upper	
83	100		
85	62.7	49.0	73.6
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.05 ug/l

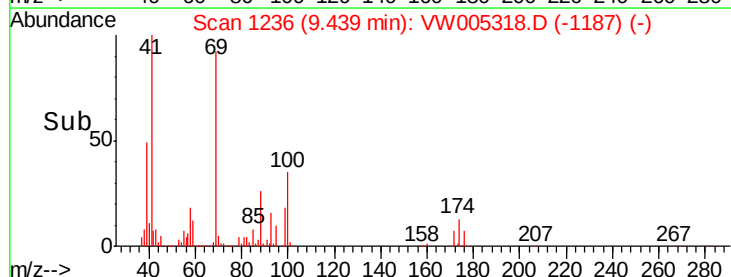
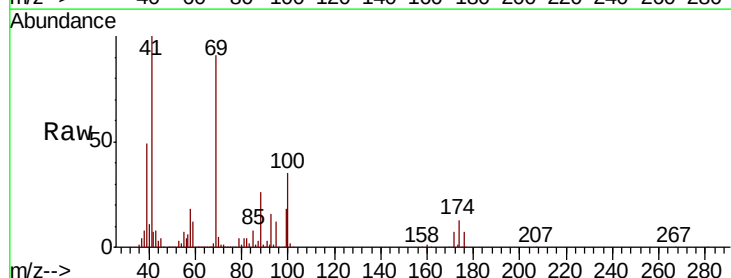
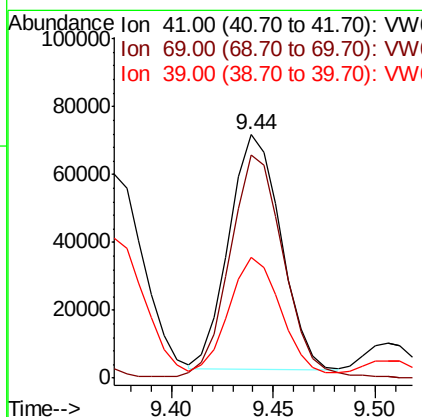
RT: 9.44 min Scan# 1236

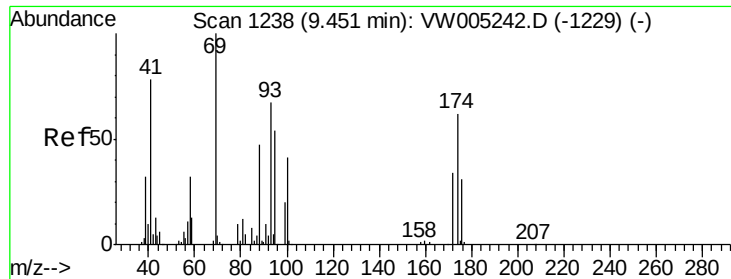
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:	41	Resp:	122514
Ion Ratio	Lower	Upper	
41	100		
69	98.7	74.6	112.0
39	48.6	36.7	55.1





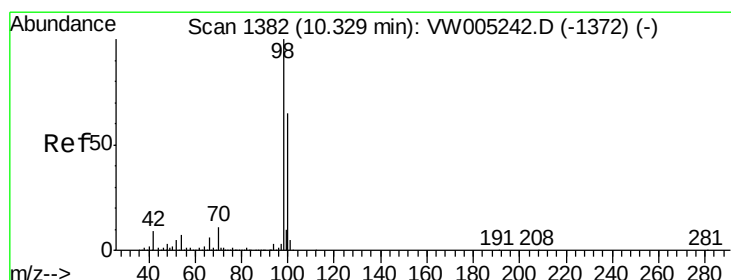
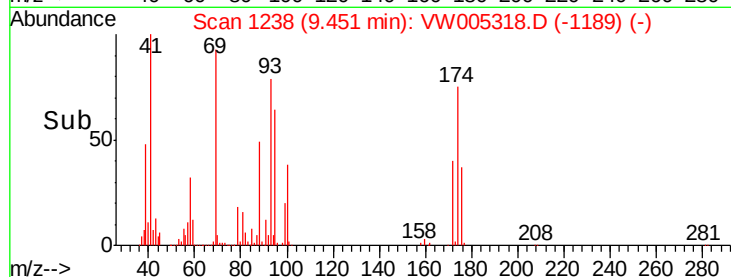
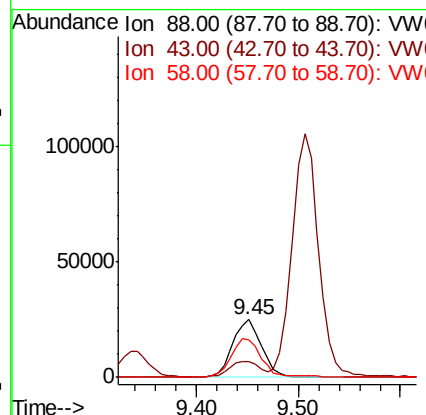
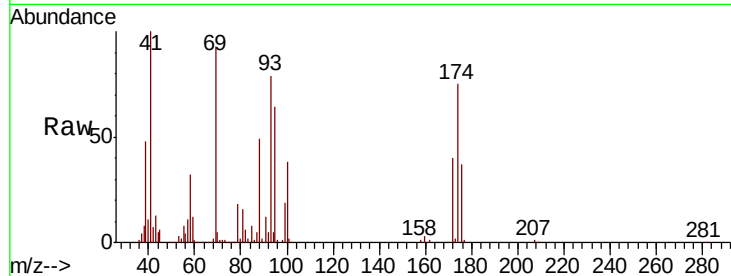
#49
1,4-Dioxane
Concen: 1173.23 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	48726
Ion Ratio	100	Lower	Upper
88	100		
43	27.9	22.7	34.1
58	68.4	56.6	85.0

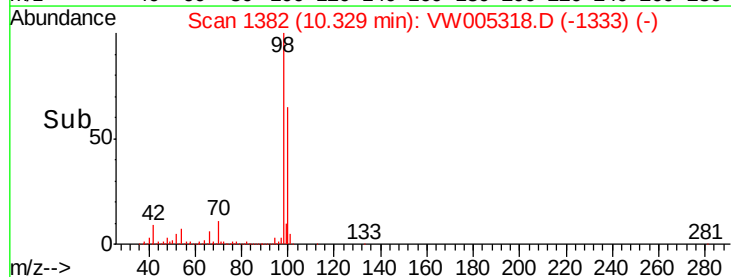
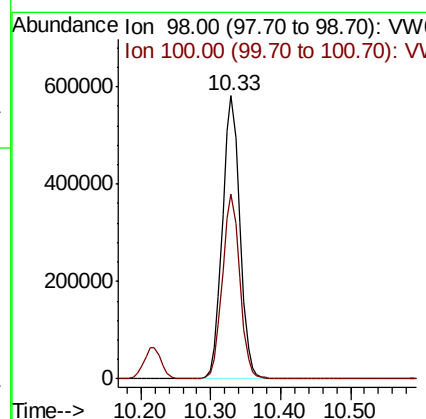
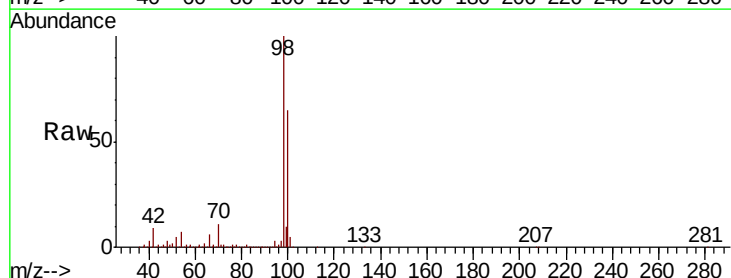
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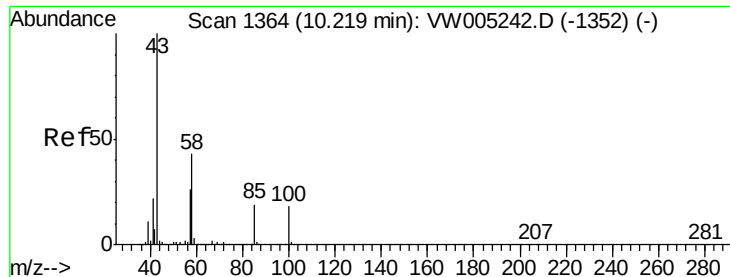
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#50
Toluene-d8
Concen: 54.66 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	98	Resp	1013458
Ion Ratio	100	Lower	Upper
98	100		
100	65.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 268.52 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 684960

Ion Ratio Lower Upper

43 100

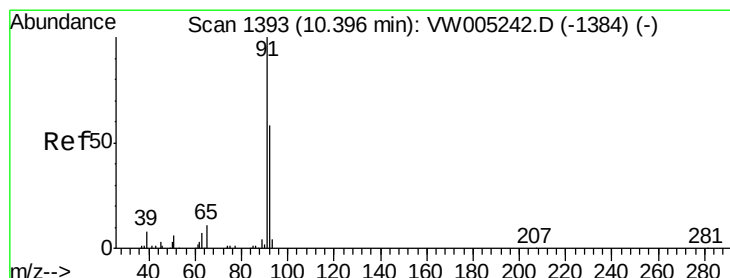
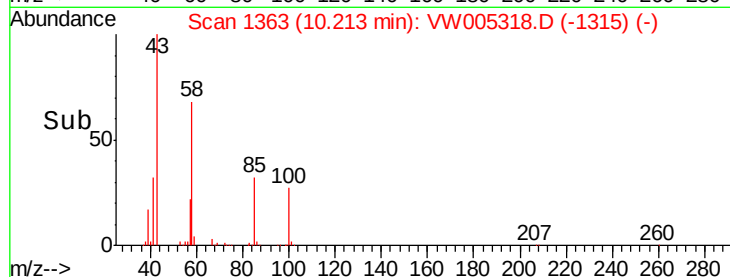
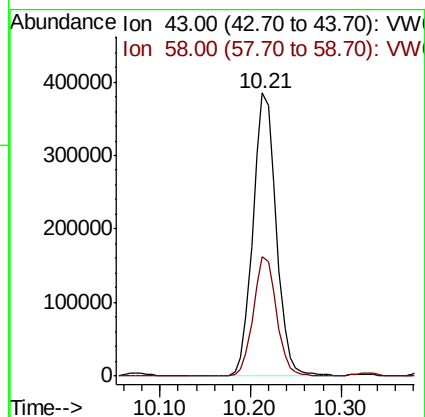
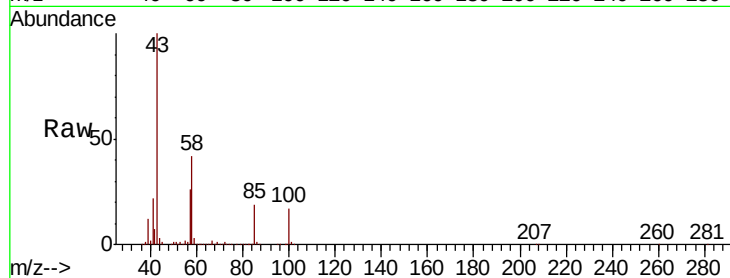
58 42.2 33.8 50.6

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#52

Toluene

Concen: 52.62 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005318.D

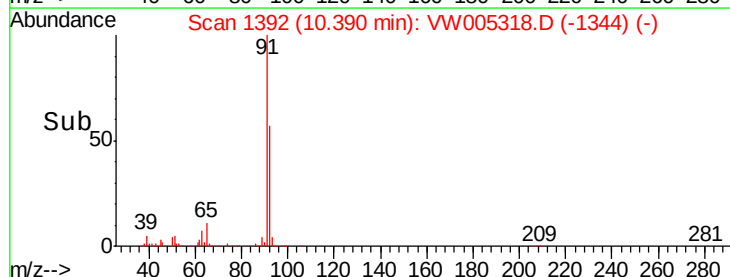
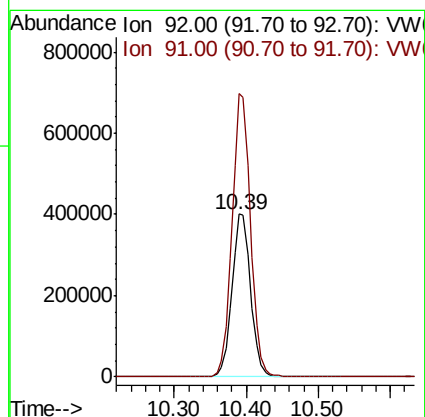
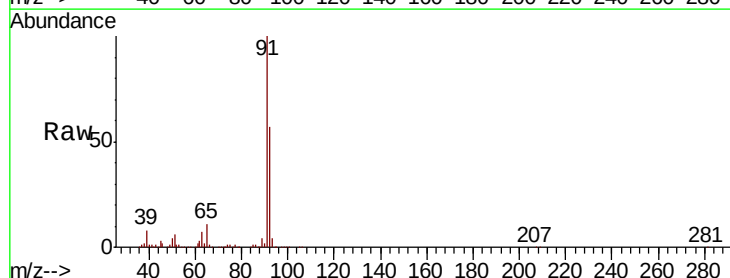
Acq: 12 Sep 2018 11:47

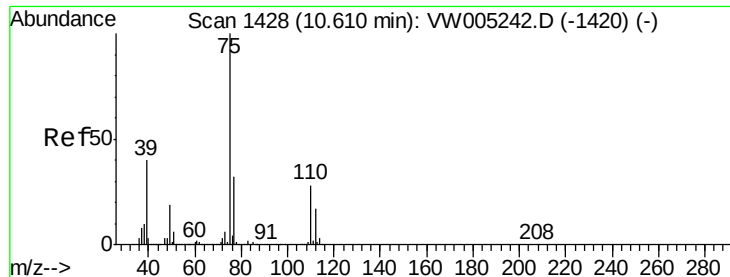
Tgt Ion: 92 Resp: 723016

Ion Ratio Lower Upper

92 100

91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.37 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 307970

Ion Ratio Lower Upper

75 100

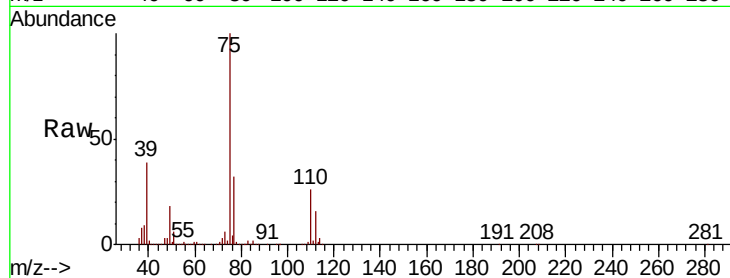
77 32.1 25.8 38.8

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

200000

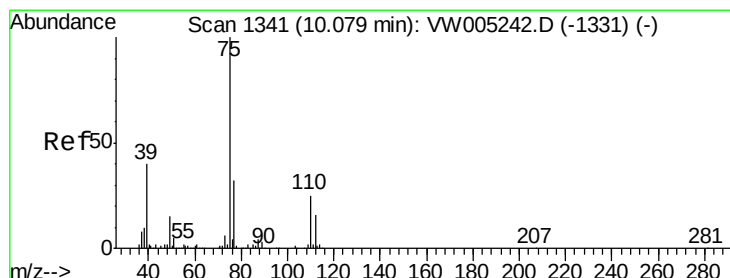
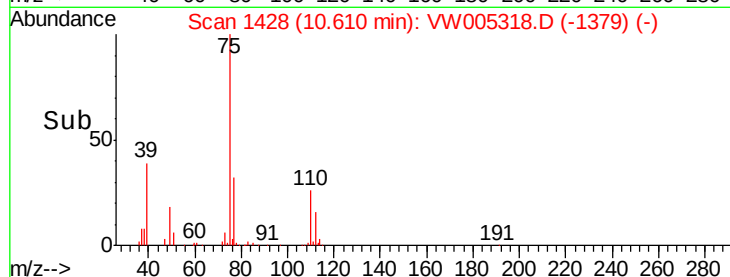
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 52.65 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

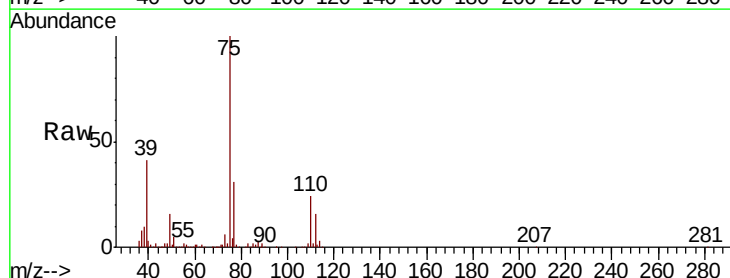
Tgt Ion: 75 Resp: 370777

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 40.7 31.8 47.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

250000

200000

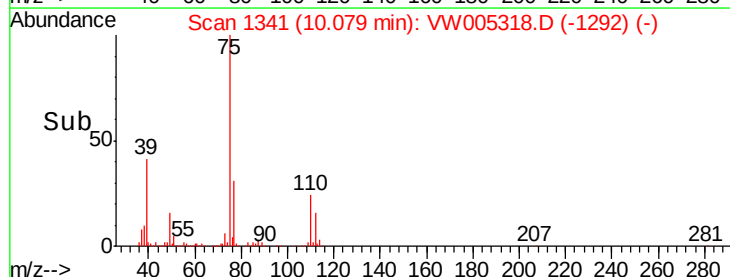
150000

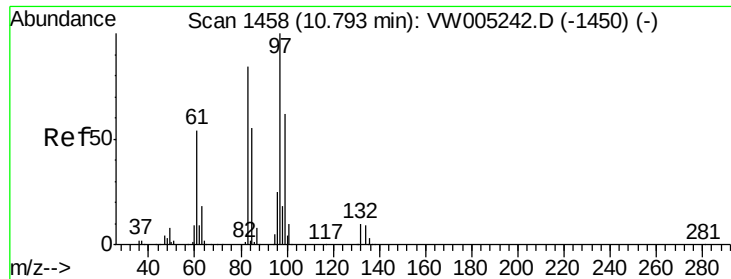
100000

50000

0

Time--> 10.00 10.10 10.20





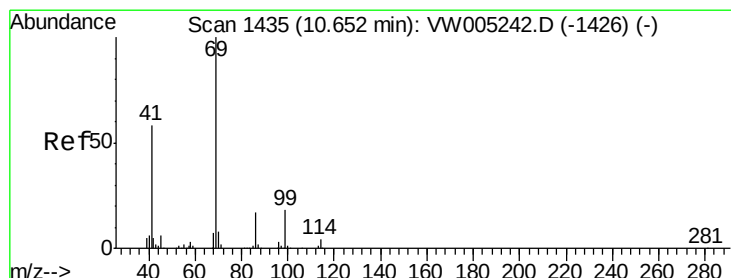
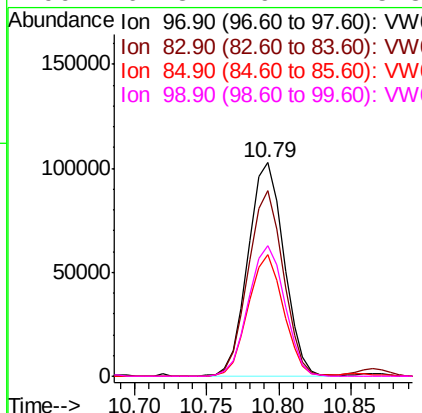
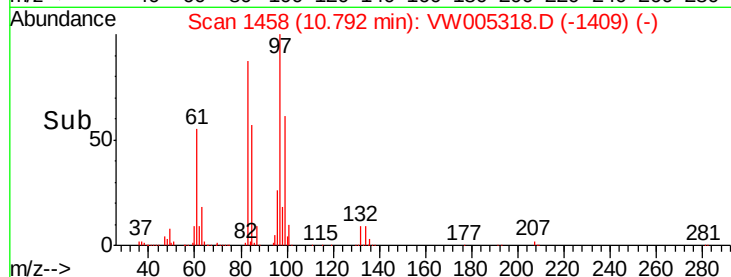
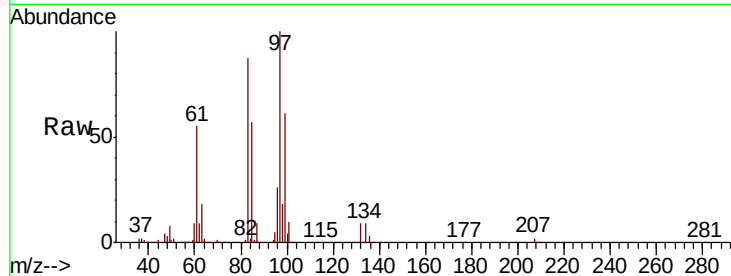
#55
 1,1,2-Trichloroethane
 Concen: 50.18 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	177980
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.2	100.8
85	56.8	44.4	66.6
99	61.3	49.2	73.8

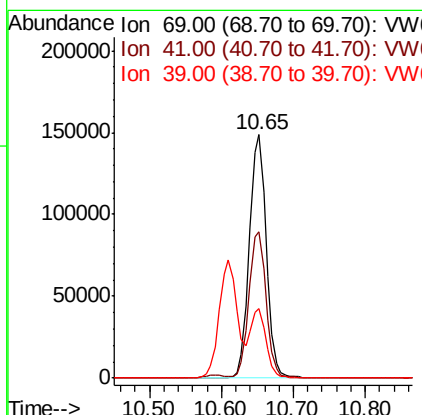
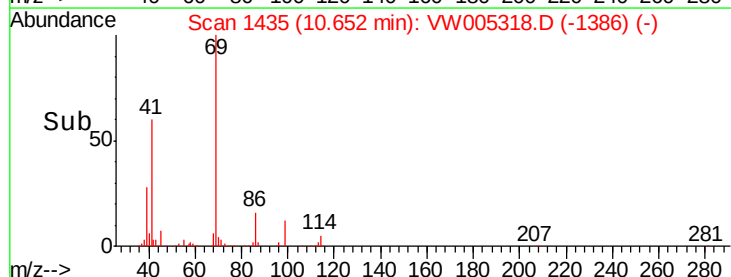
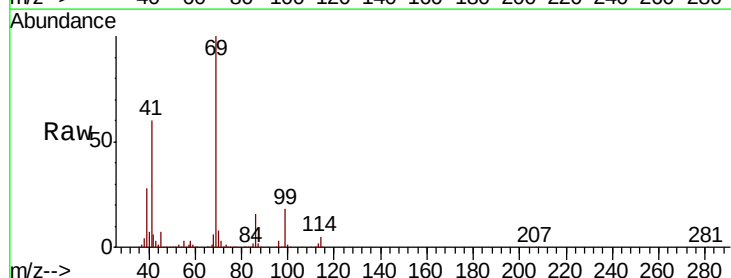
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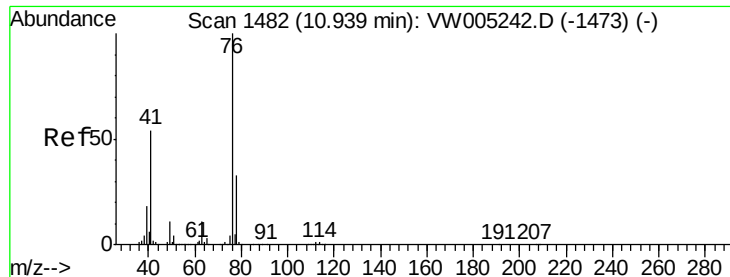
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#56
 Ethyl methacrylate
 Concen: 54.12 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion:	69	Resp:	243371
Ion	Ratio	Lower	Upper
69	100		
41	60.7	48.7	73.1
39	25.7	20.9	31.3





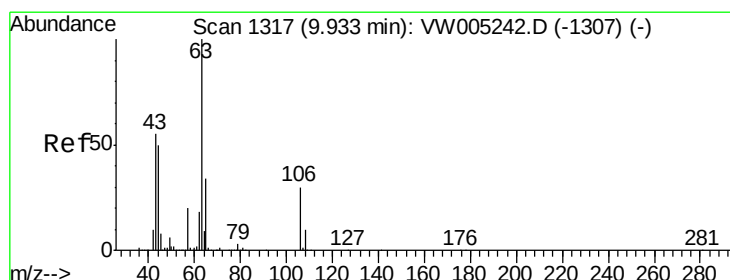
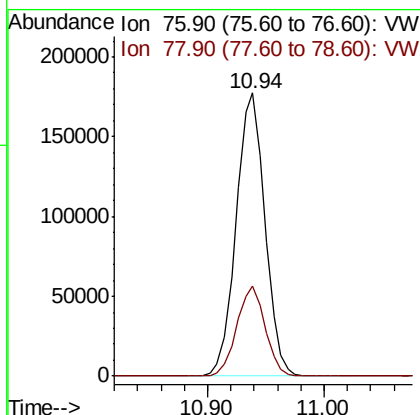
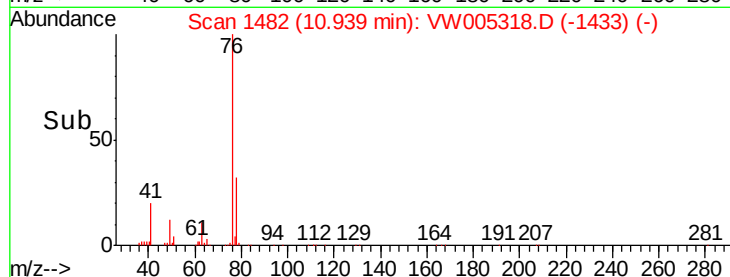
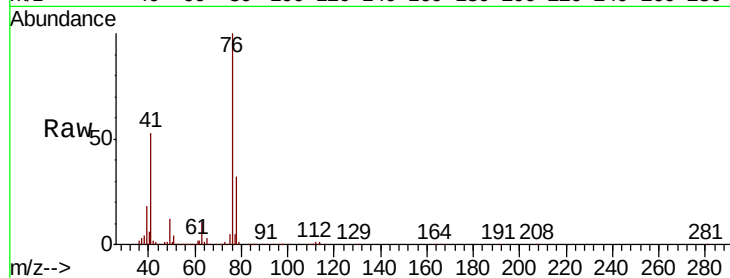
#57
 1,3-Dichloropropane
 Concen: 51.90 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.0	39.0

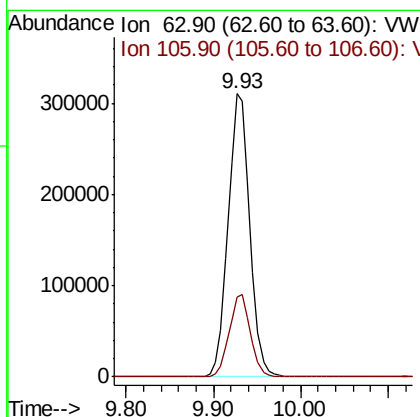
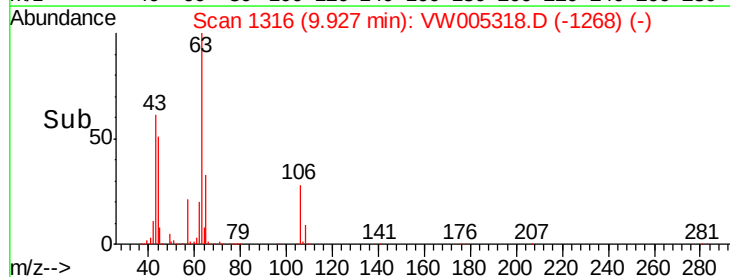
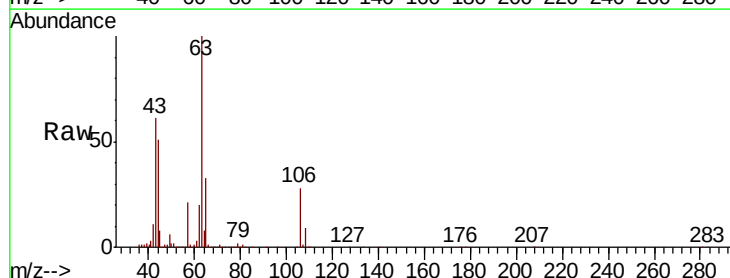
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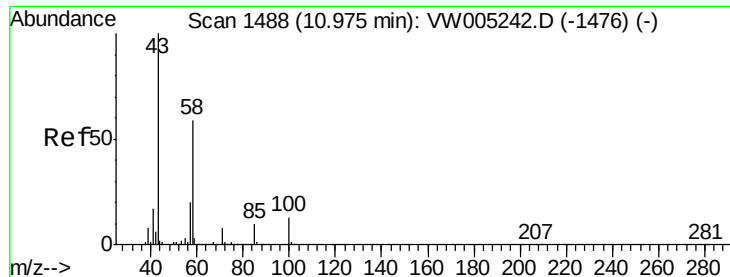
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#58
 2-Chloroethyl Vinyl ether
 Concen: 272.82 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.4	35.0





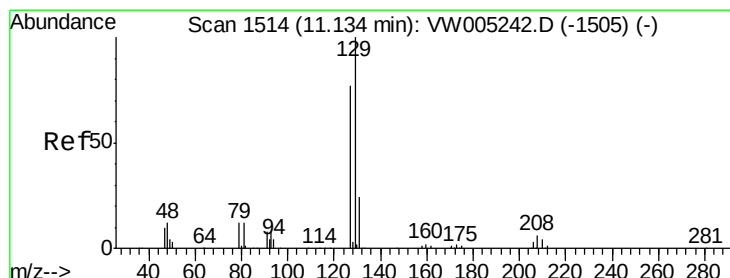
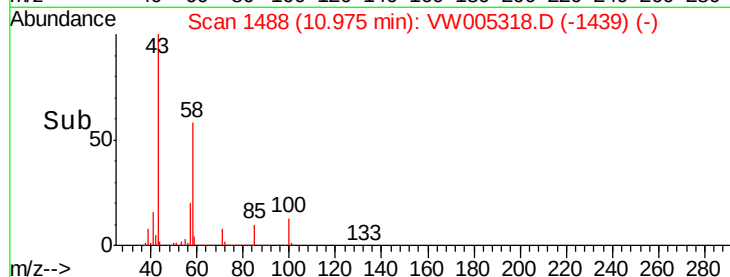
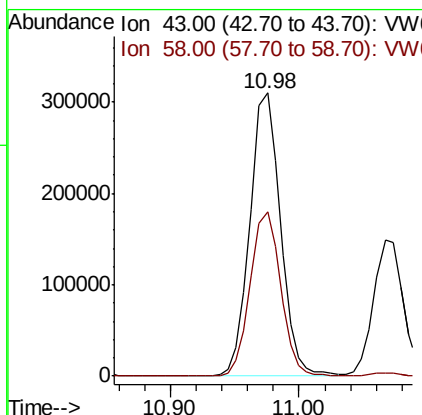
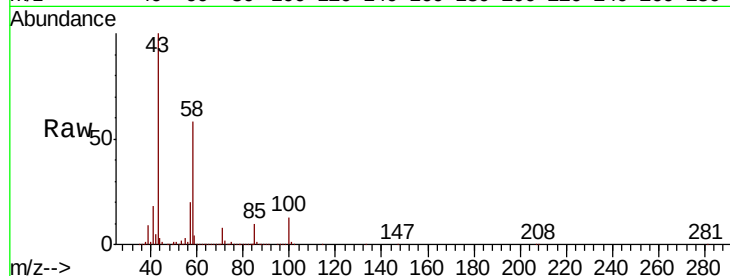
#59
2-Hexanone
Concen: 275.88 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	507331
Ion Ratio	100	Lower	Upper
43	100		
58	58.4	29.3	87.9

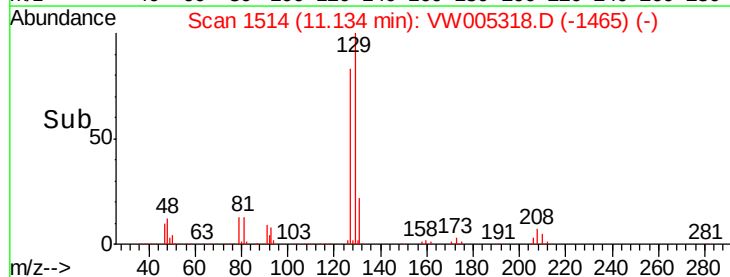
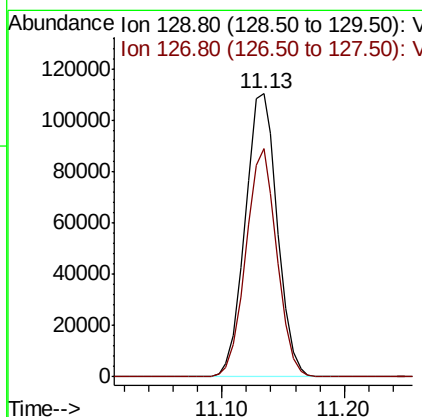
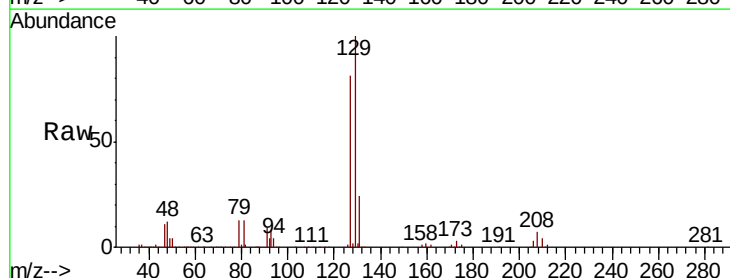
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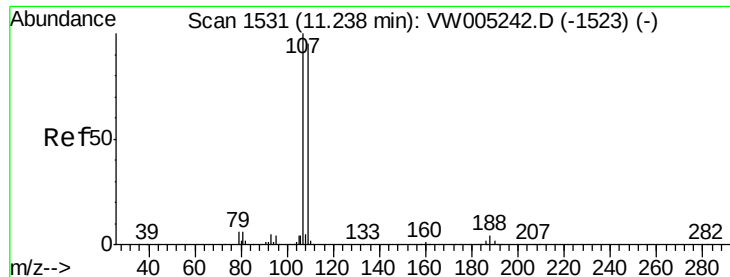
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#60
Dibromochloromethane
Concen: 51.40 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	129	Resp	202281	
Ion Ratio <th>129</th> <th>100</th> <th>Lower</th> <th>Upper</th>	129	100	Lower	Upper
129	100			
127	77.3	39.0	117.0	





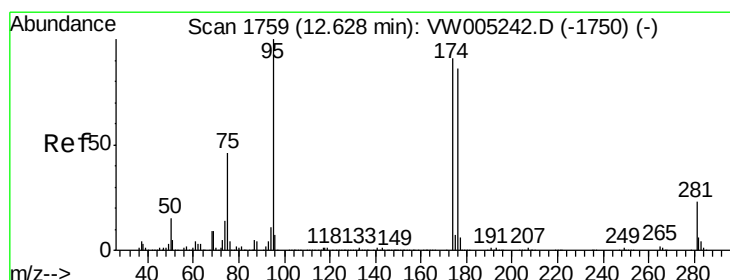
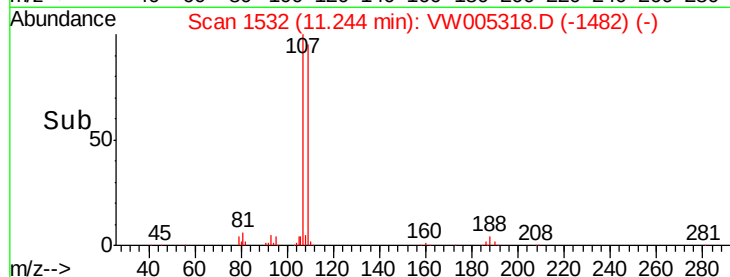
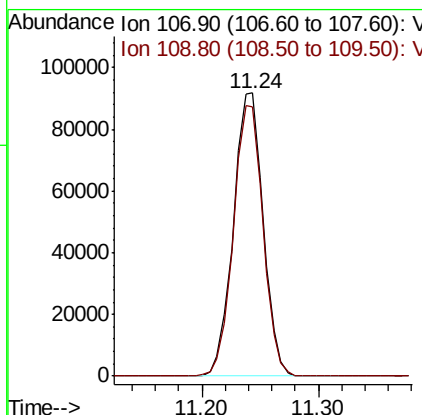
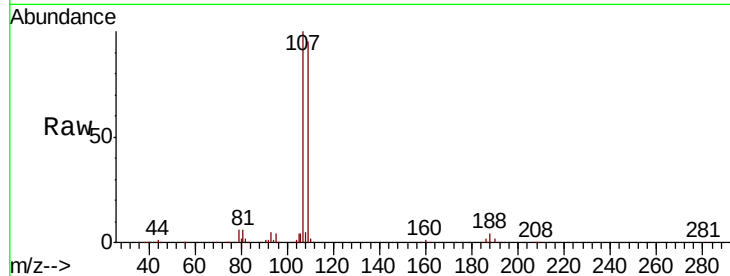
#61
 1,2-Dibromoethane
 Concen: 50.24 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.7	113.5

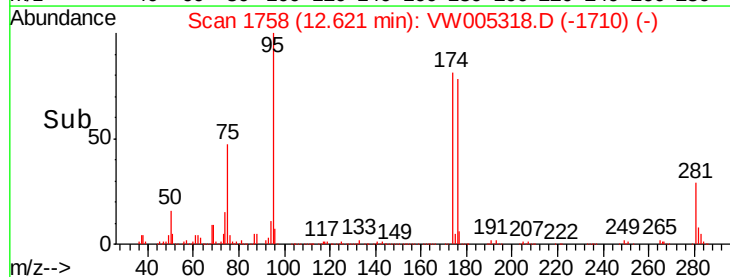
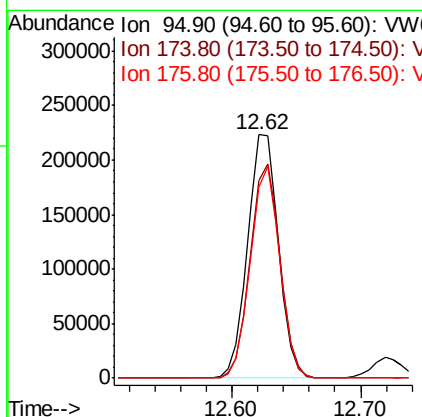
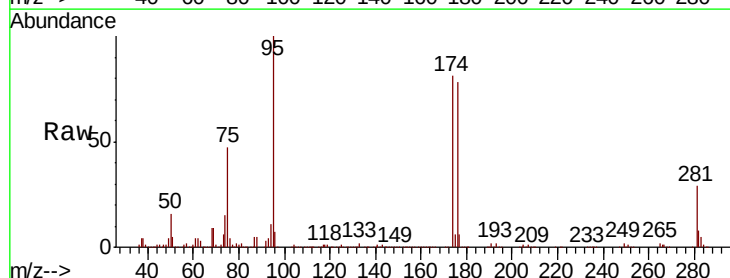
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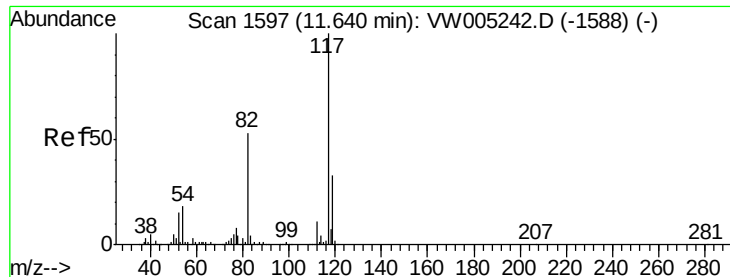
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.96 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	174.6
176	82.9	0.0	167.6





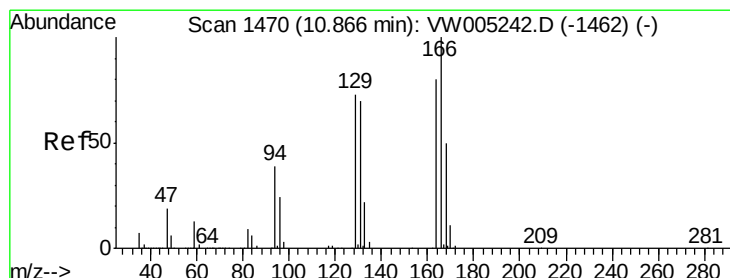
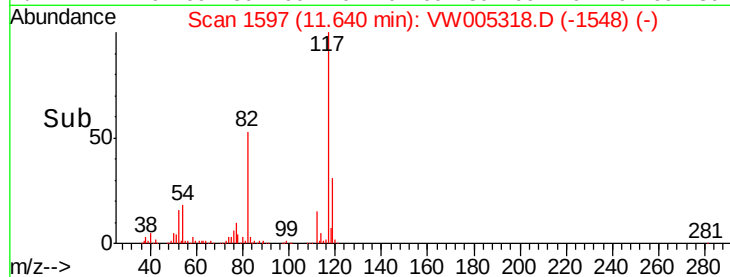
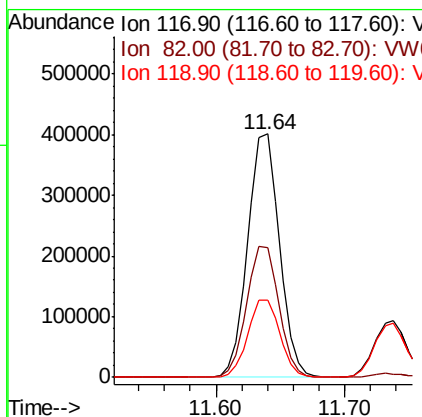
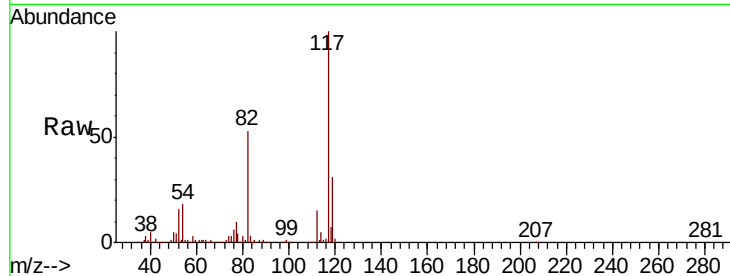
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	681877		
82	53.2		42.6	63.8
119	31.5		26.2	39.4

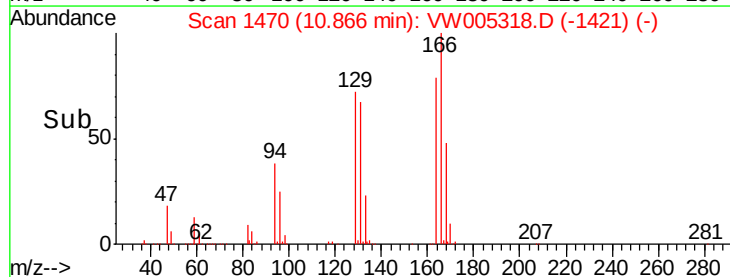
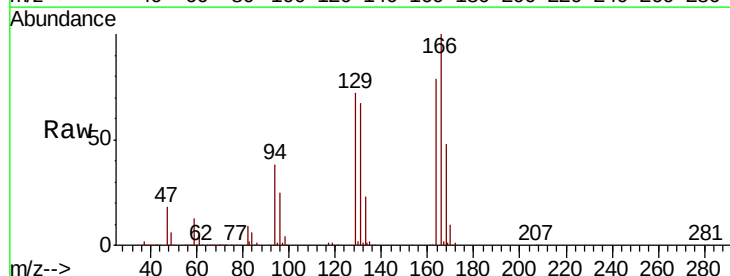
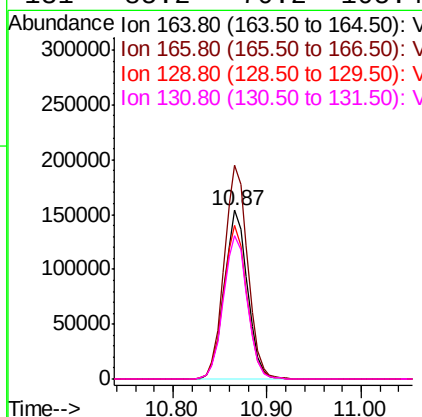
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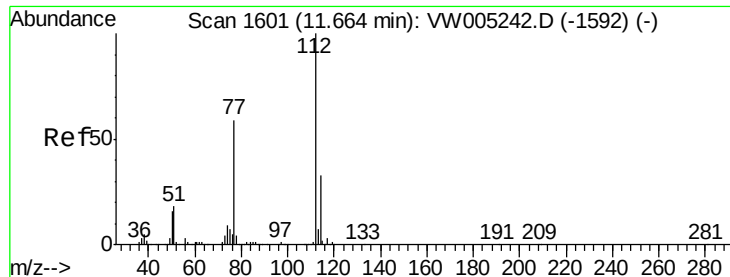
apatel
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#64
Tetrachloroethene
Concen: 51.90 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	262537		
166	126.7		100.2	150.2
129	91.0		73.2	109.8
131	85.2		70.2	105.4





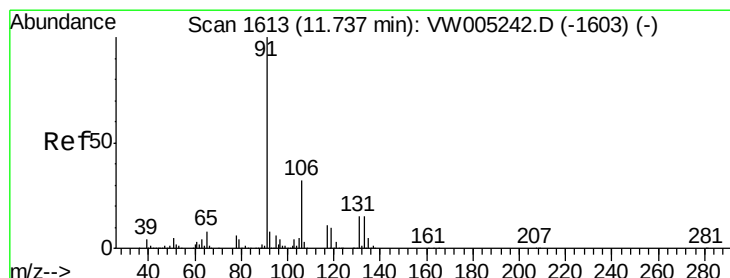
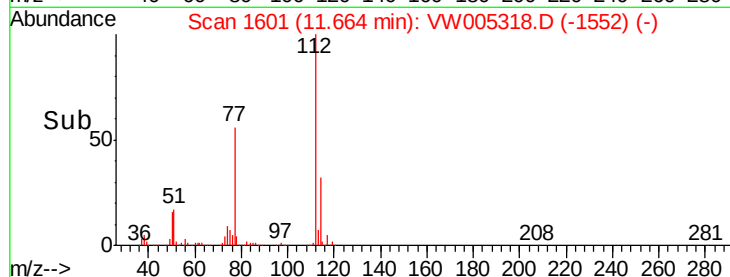
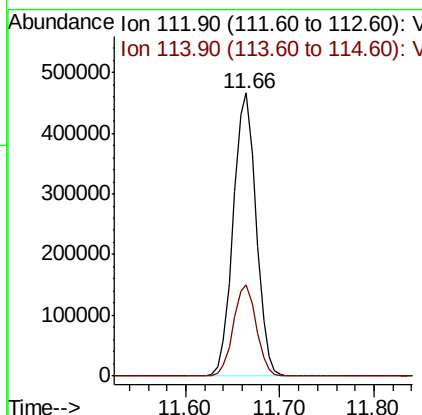
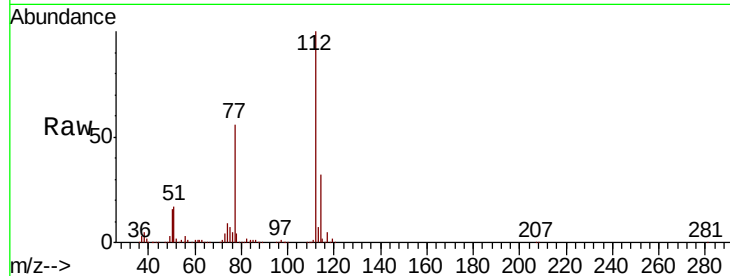
#65
Chlorobenzene
Concen: 52.60 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.4

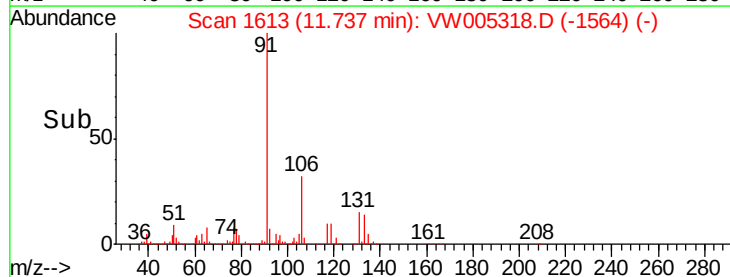
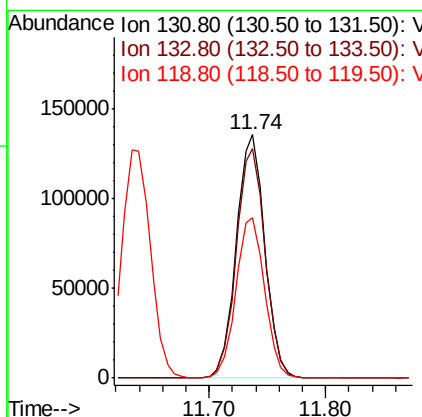
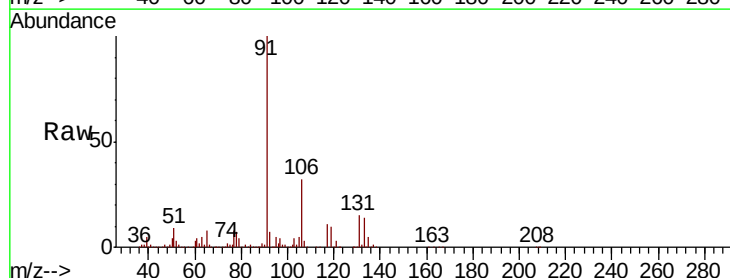
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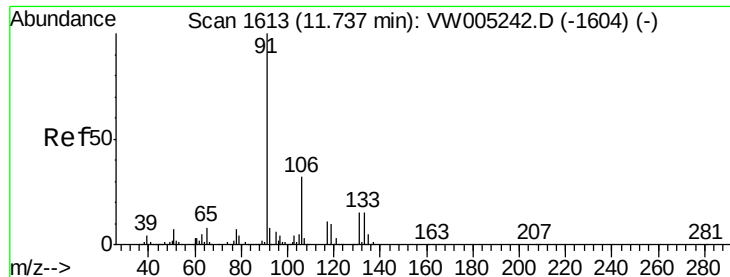
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.72 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.1	144.3
119	66.6	33.4	100.1





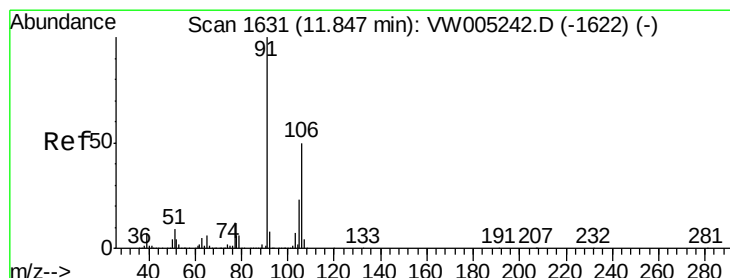
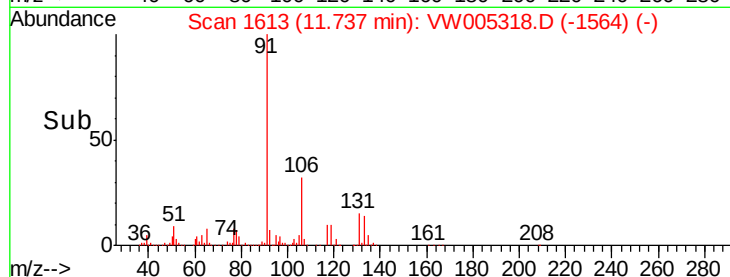
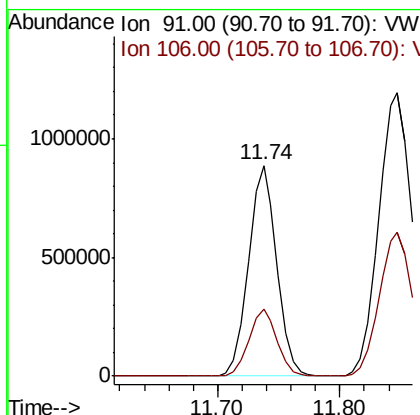
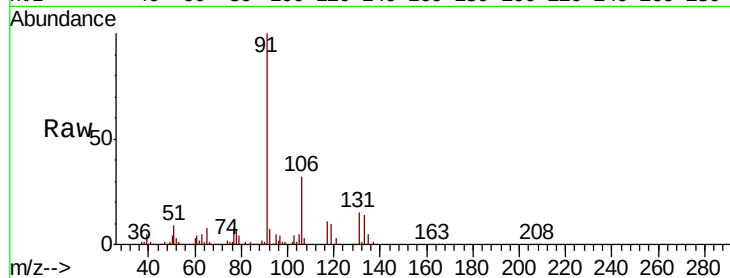
#67
Ethyl Benzene
Concen: 54.35 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1413726
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

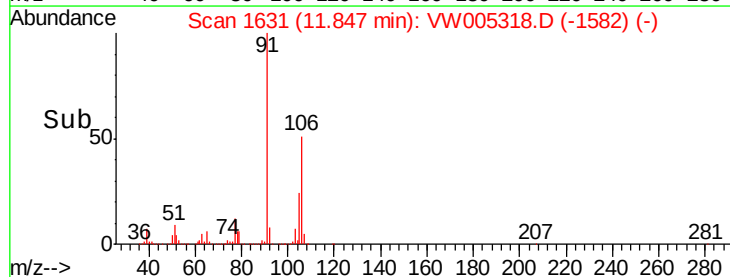
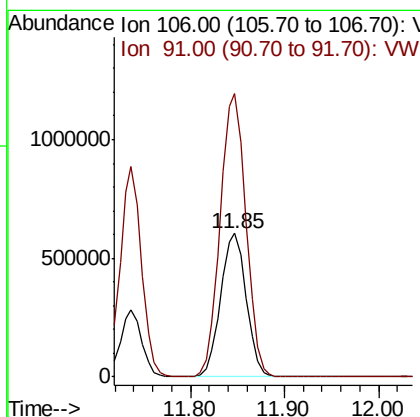
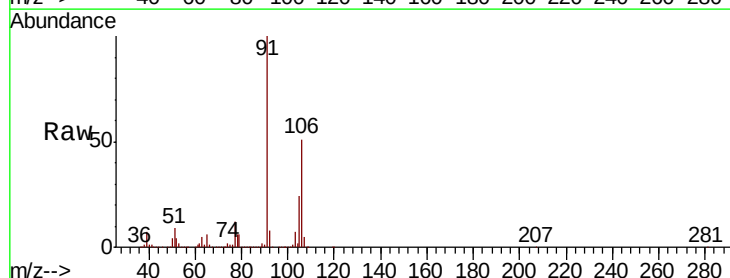
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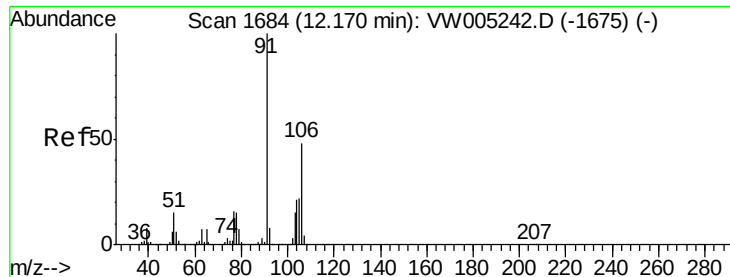
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#68
m/p-Xylenes
Concen: 108.24 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 106 Resp: 1134688
Ion Ratio Lower Upper
106 100
91 198.8 160.2 240.2





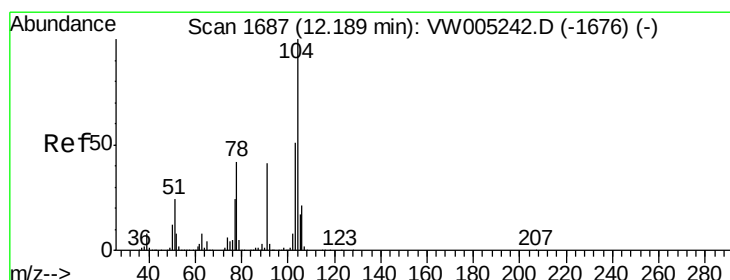
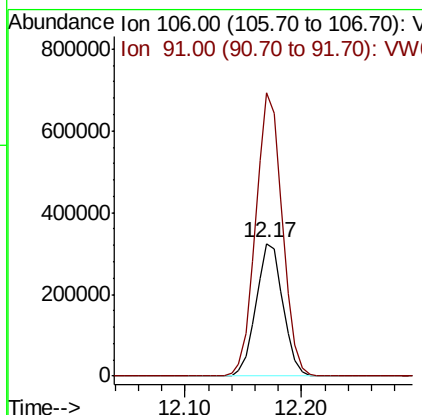
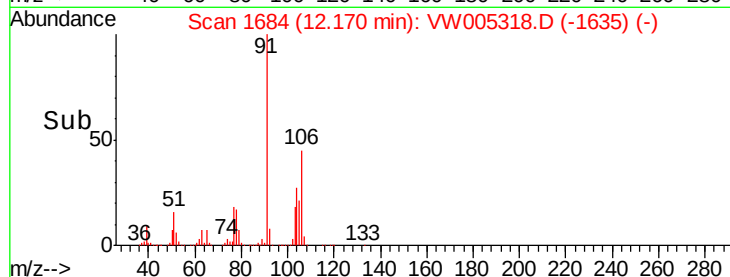
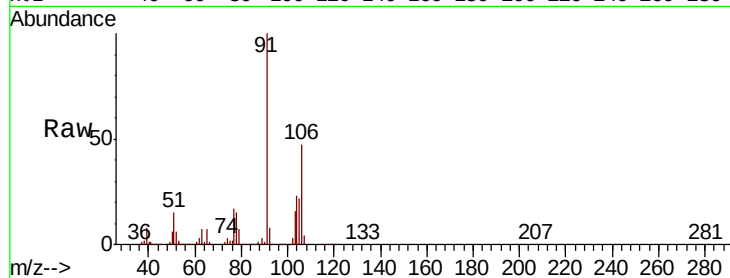
#69
o-Xylene
Concen: 53.86 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	210.6	104.1	312.3		

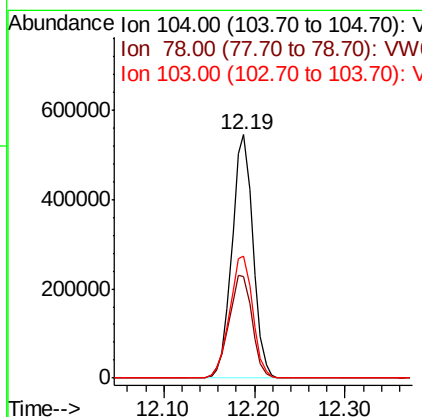
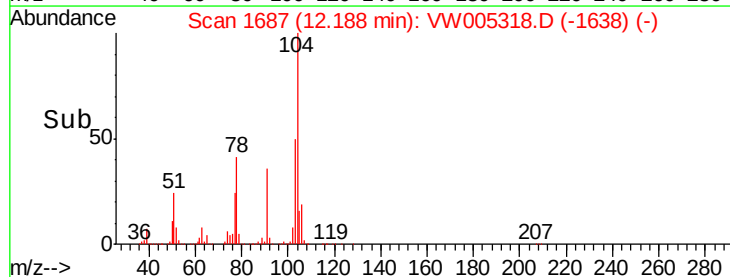
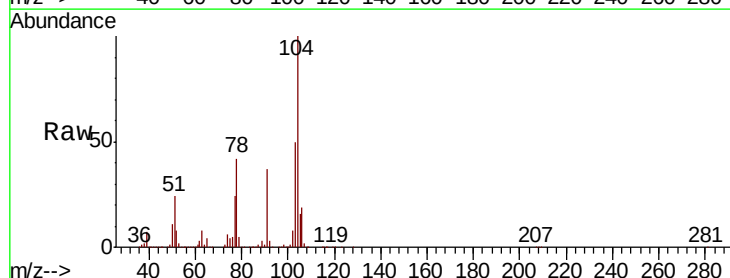
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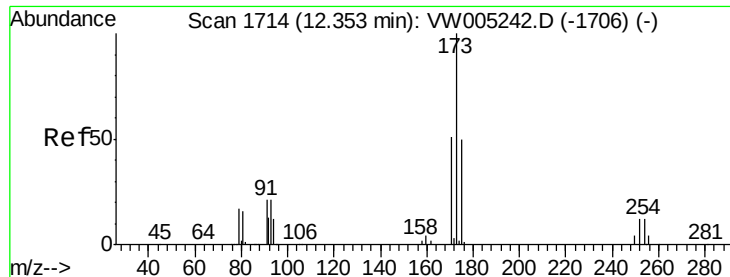
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#70
Styrene
Concen: 55.19 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.0	37.4	56.2		
103	54.9	44.1	66.1		





#71

Bromoform

Concen: 51.76 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

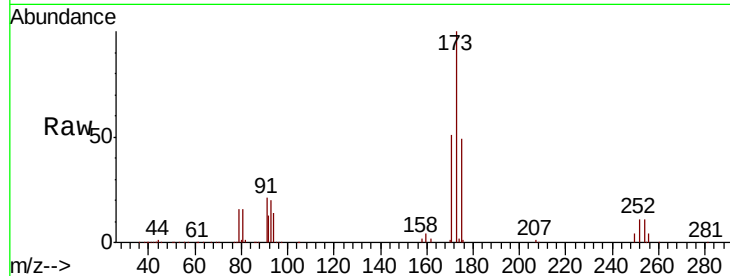
ClientSampleId :

VSTDCCC050

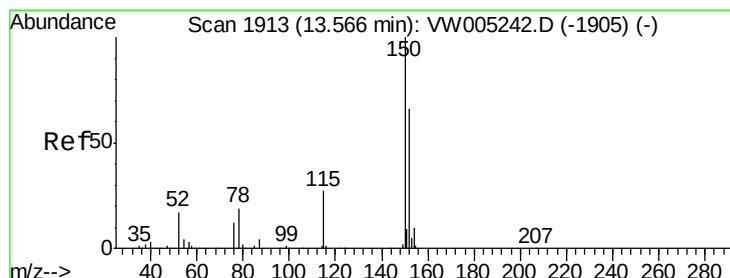
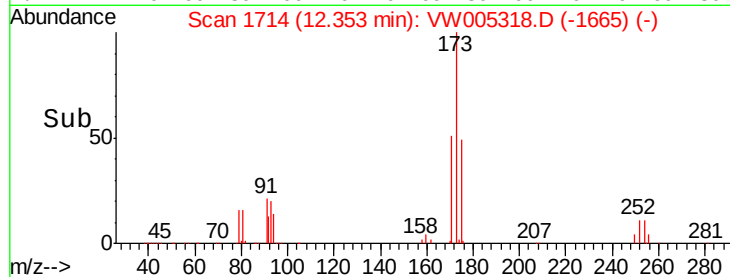
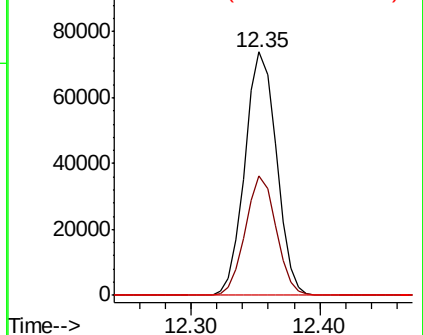
Tot Ion:	173	Resp:	125175
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.9	74.6
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

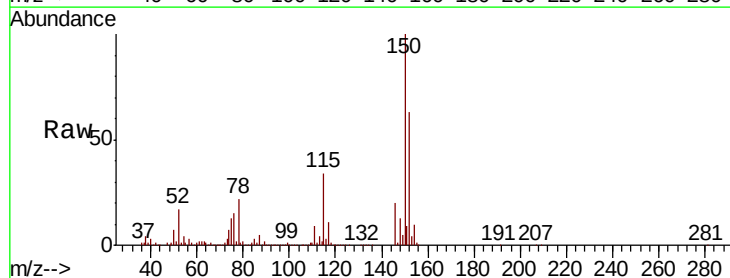
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

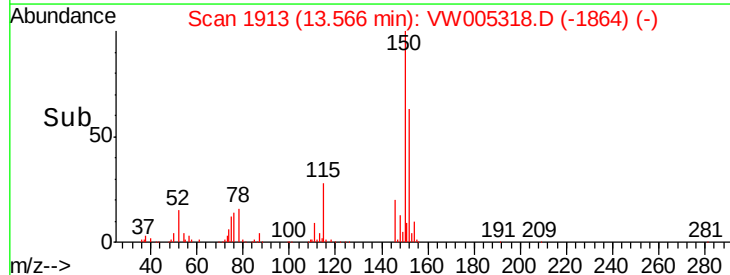
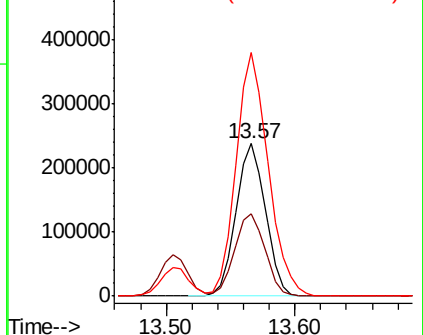
Lab File: VW005318.D

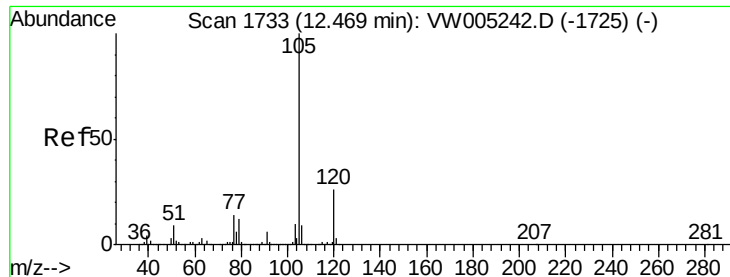
Acq: 12 Sep 2018 11:47

Tgt Ion:	152	Resp:	377118
Ion Ratio	Lower	Upper	
152	100		
115	55.6	27.5	82.4
150	174.5	0.0	347.4



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: 54.12 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1441960

Ion Ratio Lower Upper

105 100

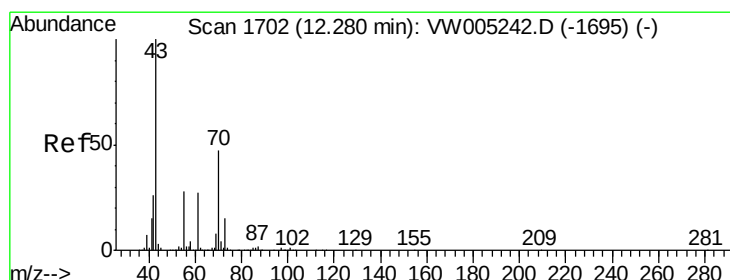
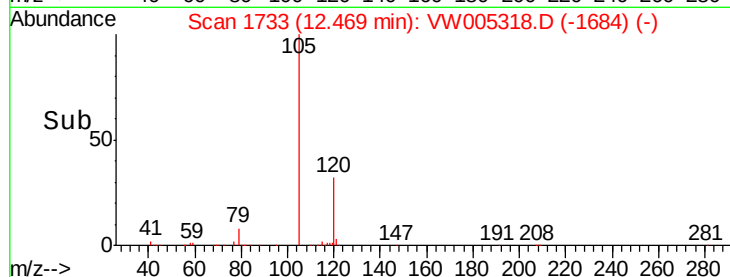
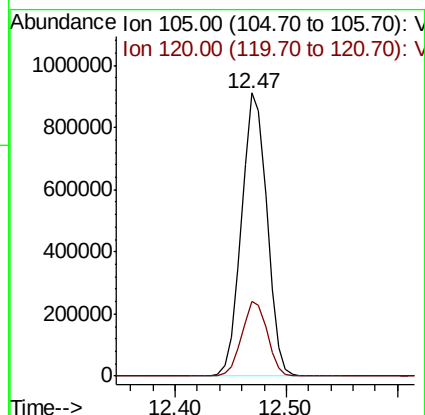
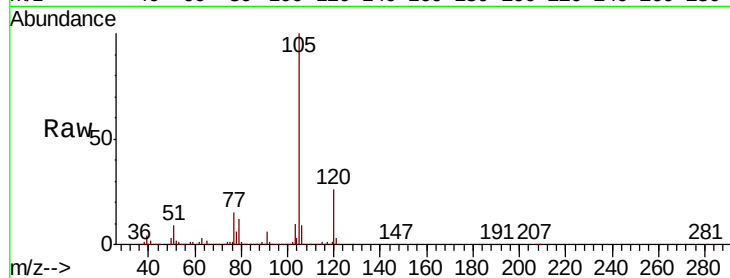
120 26.6 13.4 40.1

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#74

N-ethyl acetate

Concen: 55.49 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion: 43 Resp: 281304

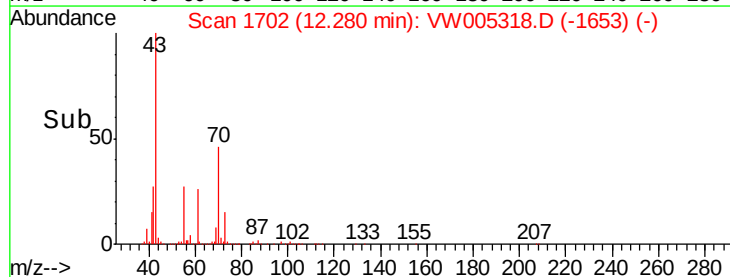
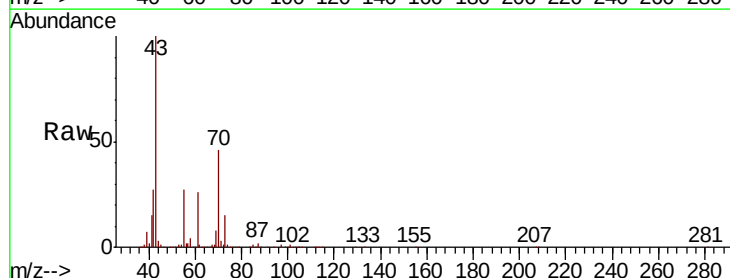
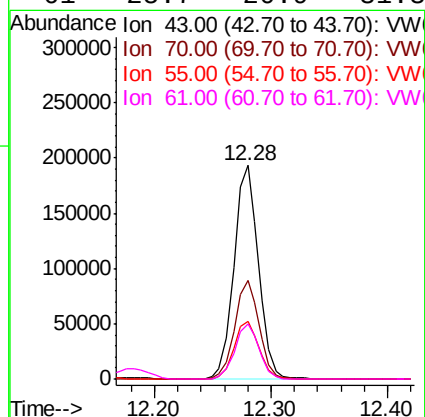
Ion Ratio Lower Upper

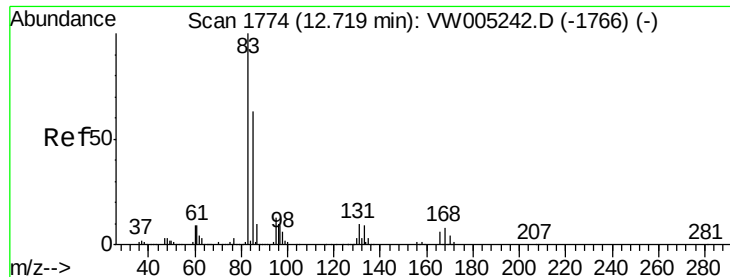
43 100

70 46.2 37.9 56.9

55 27.5 22.6 33.8

61 25.7 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.12 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

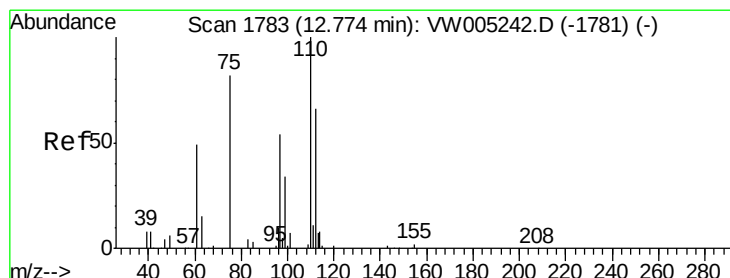
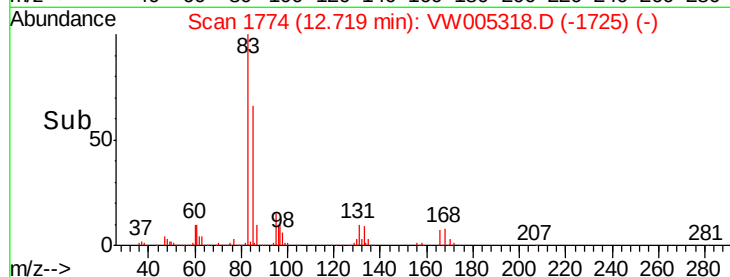
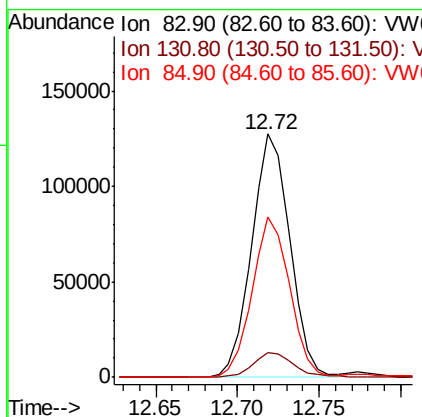
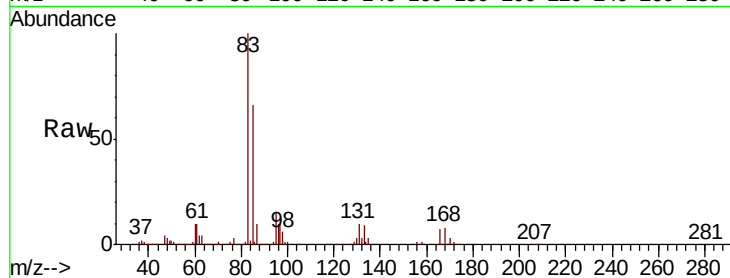
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	208692
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	64.7	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 48.32 ug/l m

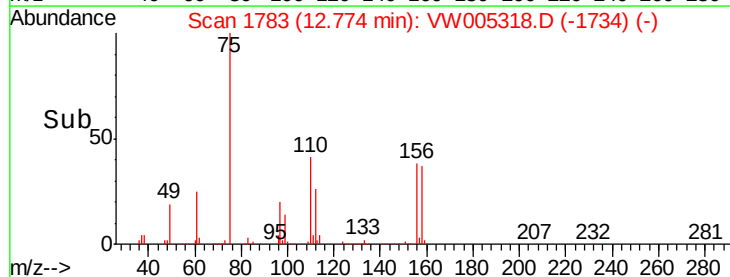
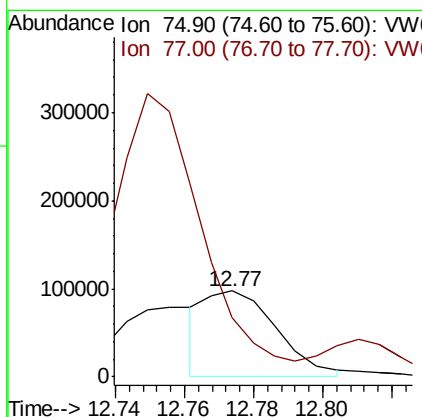
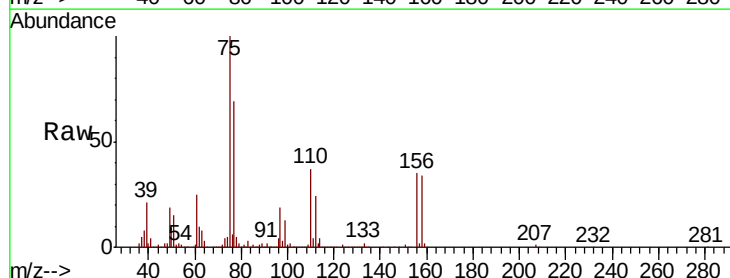
RT: 12.77 min Scan# 1783

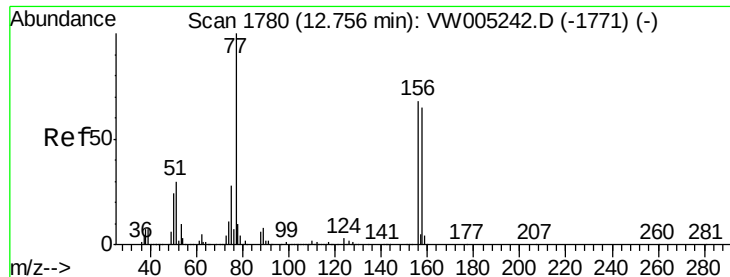
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:	75	Resp:	140147
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.26 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

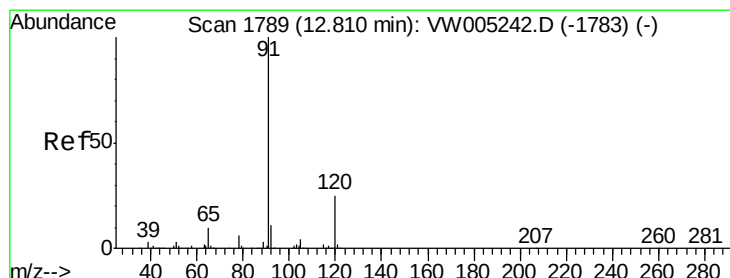
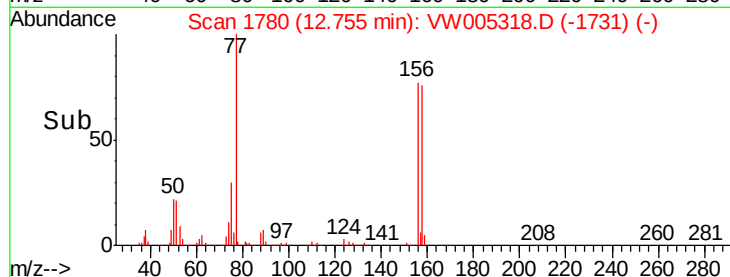
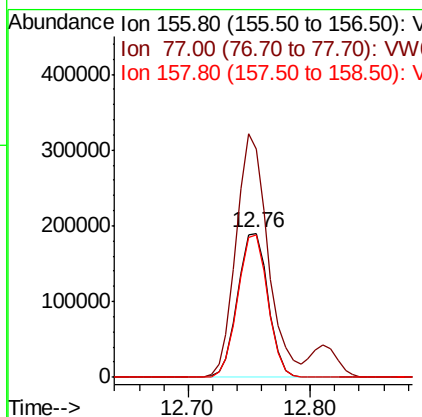
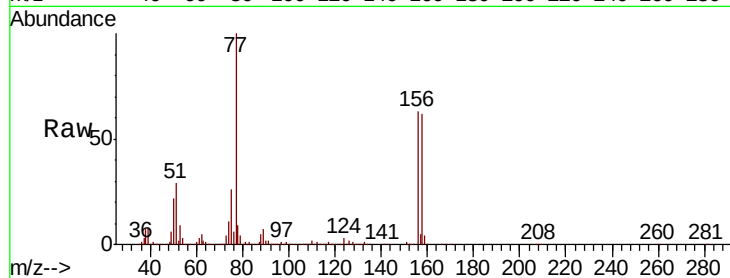
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	328051
Ion Ratio	Lower	Upper	
156	100		
77	177.3	86.3	258.8
158	97.5	48.6	145.8

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#78

n-propylbenzene

Concen: 55.35 ug/l

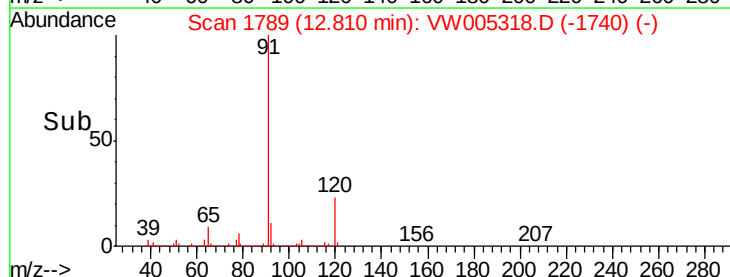
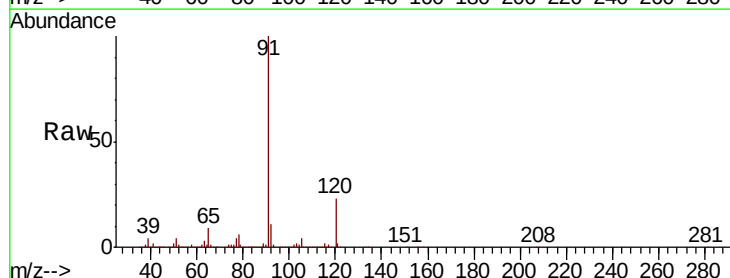
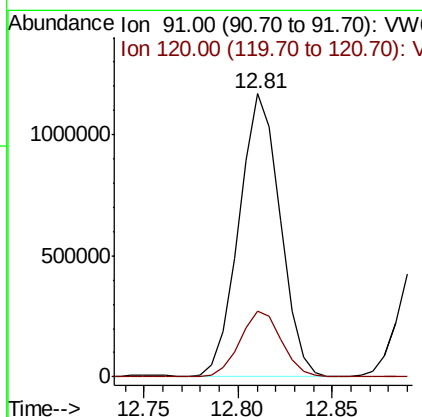
RT: 12.81 min Scan# 1789

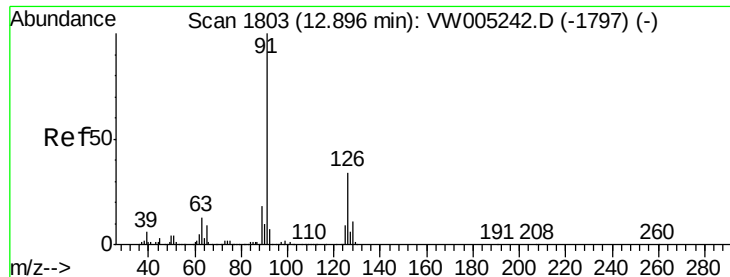
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:	91	Resp:	1771122
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.0	36.0





#79

2-Chlorotoluene

Concen: 53.69 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 985315

Ion Ratio Lower Upper

91 100

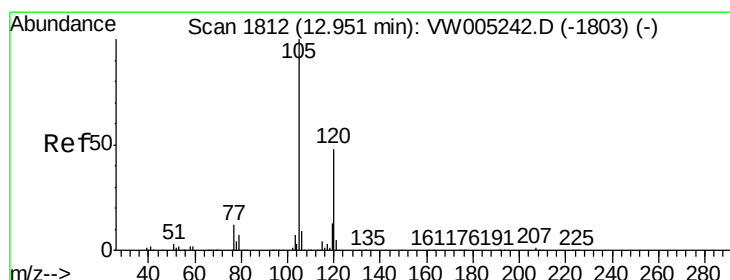
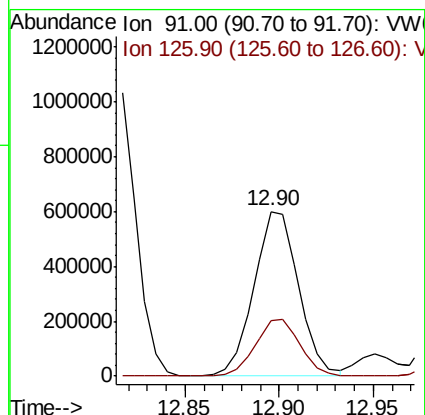
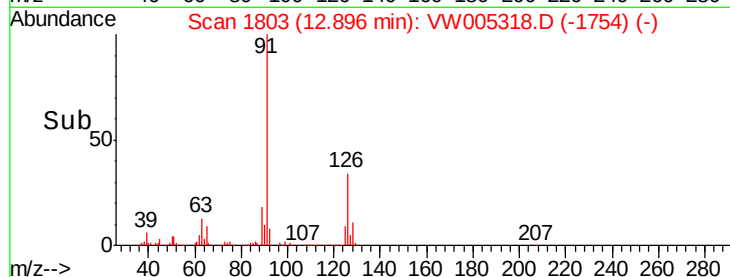
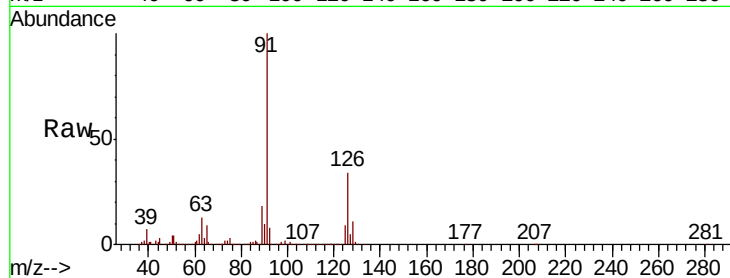
126 34.4 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 54.53 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005318.D

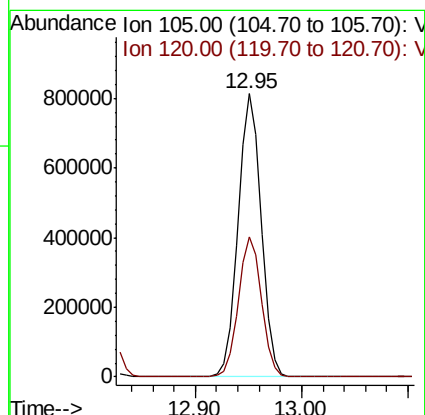
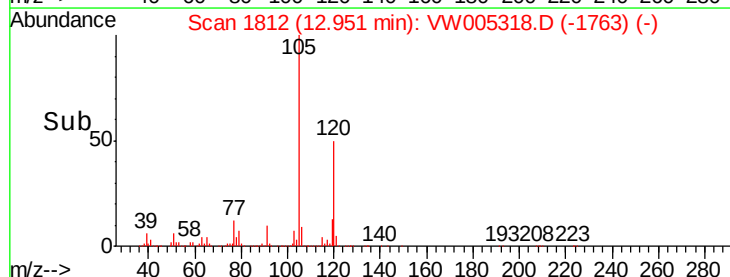
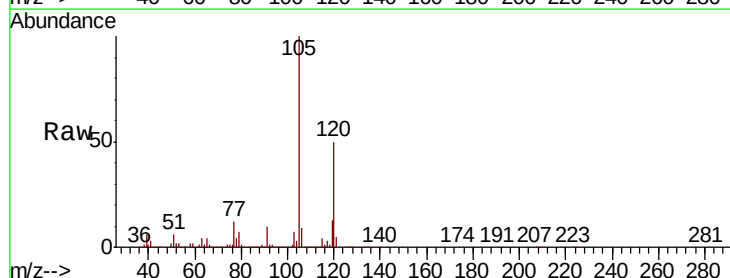
Acq: 12 Sep 2018 11:47

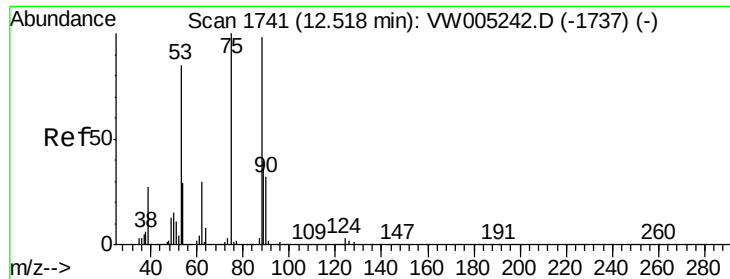
Tgt Ion:105 Resp: 1237163

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4





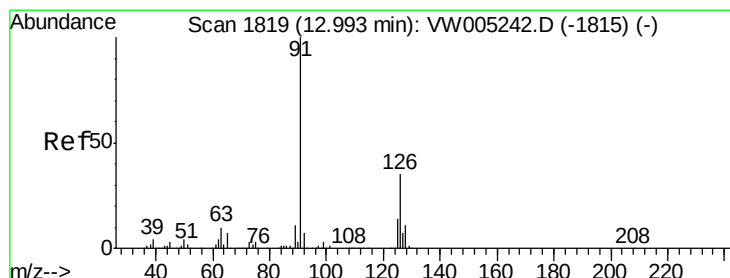
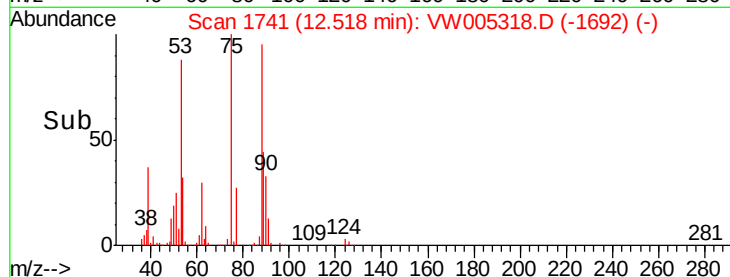
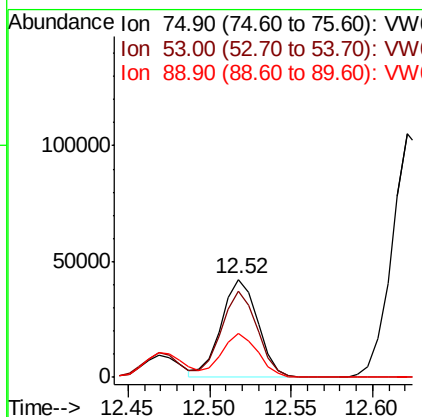
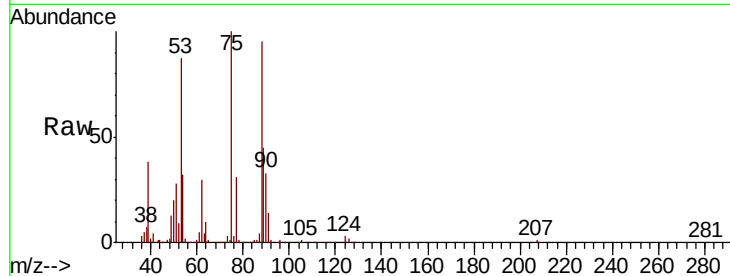
#81
trans-1,4-Dichloro-2-butene
Concen: 53.70 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.8	67.0	100.6
89	44.1	37.0	55.4

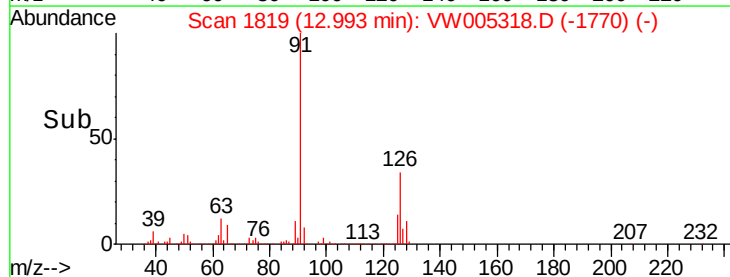
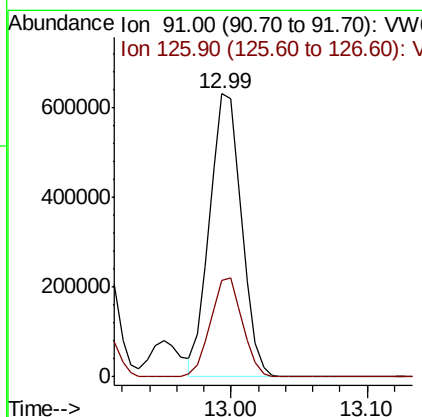
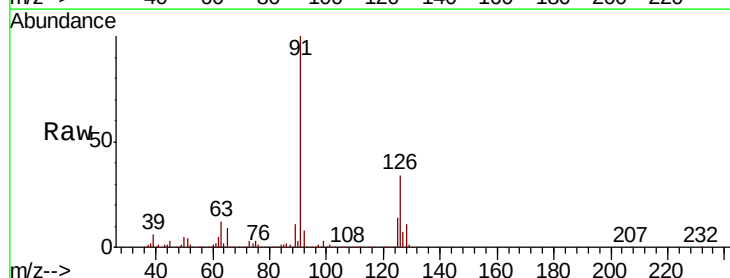
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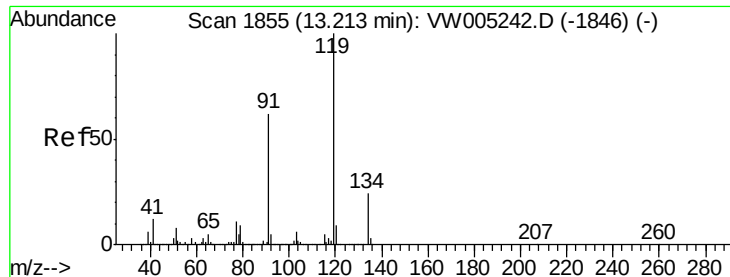
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#82
4-Chlorotoluene
Concen: 53.18 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.5	52.5





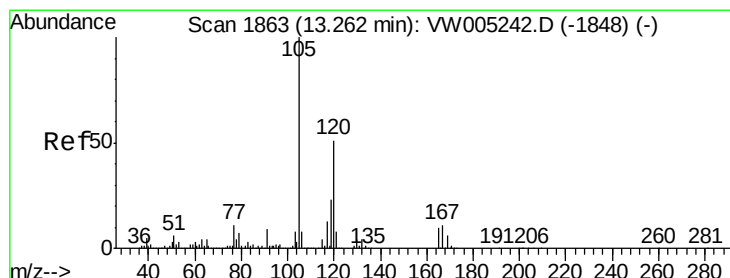
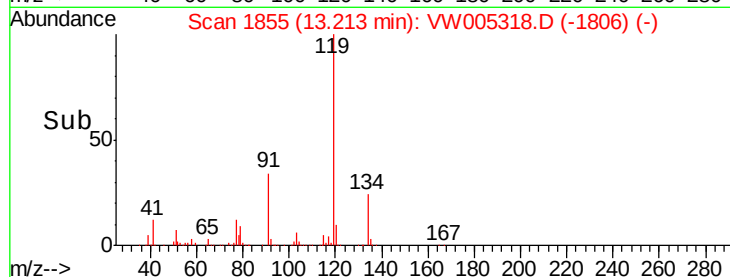
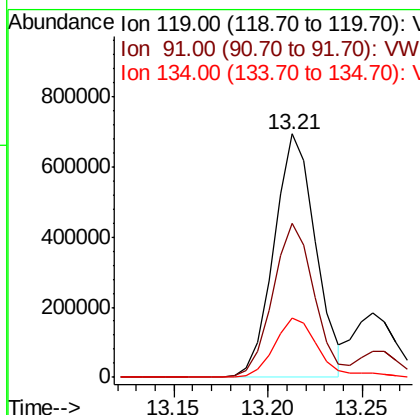
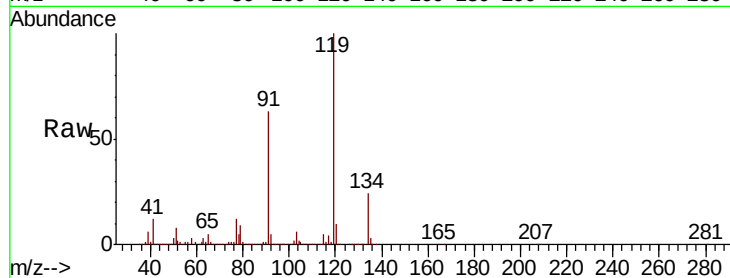
#83
 tert-Butylbenzene
 Concen: 53.54 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.7	95.1
134	26.1	13.0	38.9

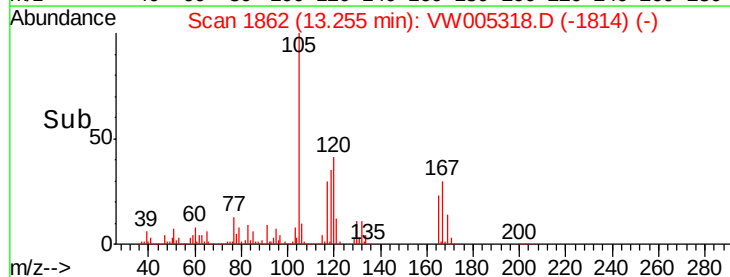
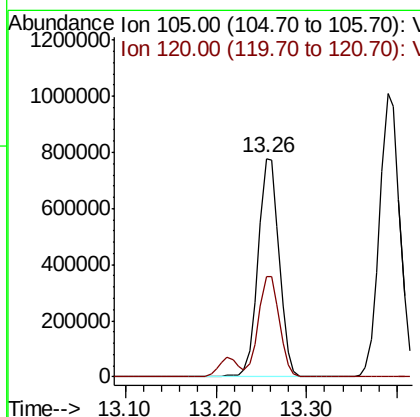
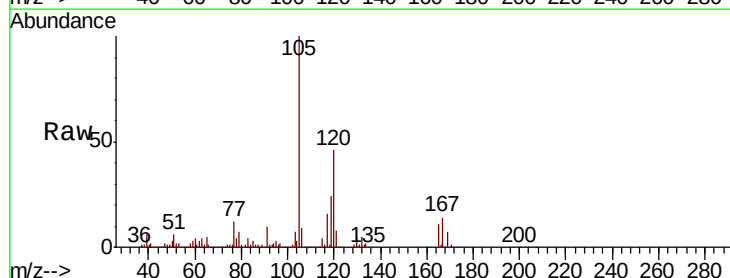
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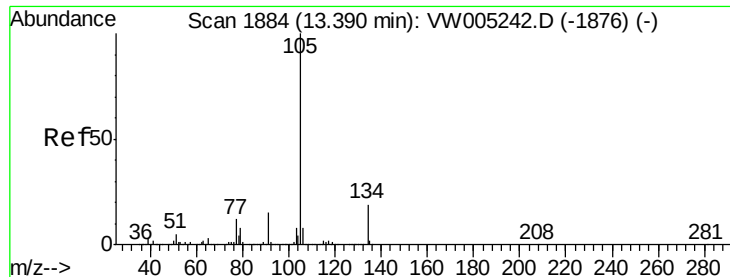
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.65 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.3





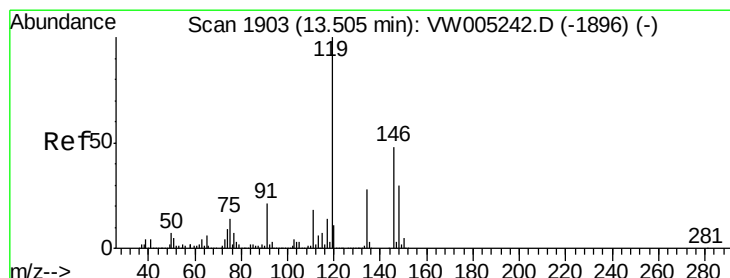
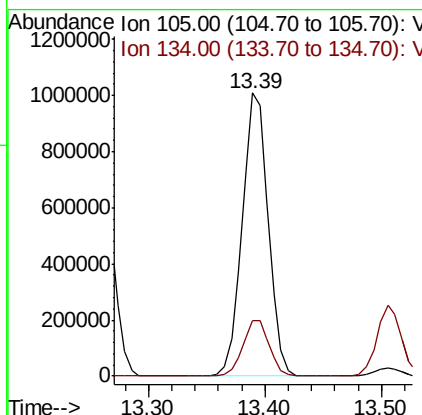
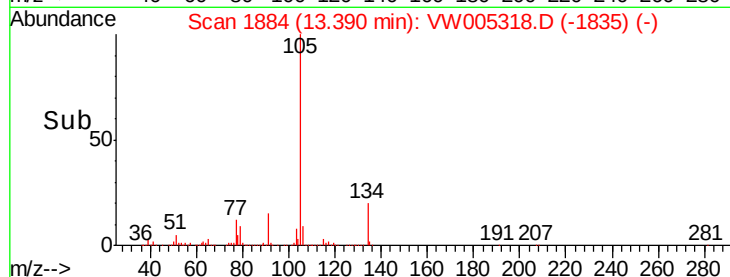
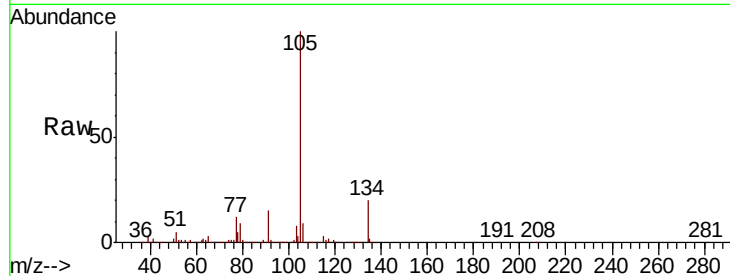
#85
 sec-Butylbenzene
 Concen: 54.96 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.9	29.7

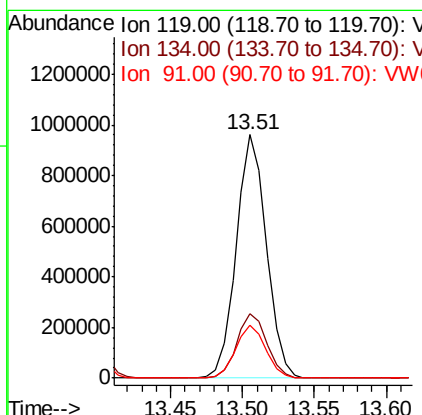
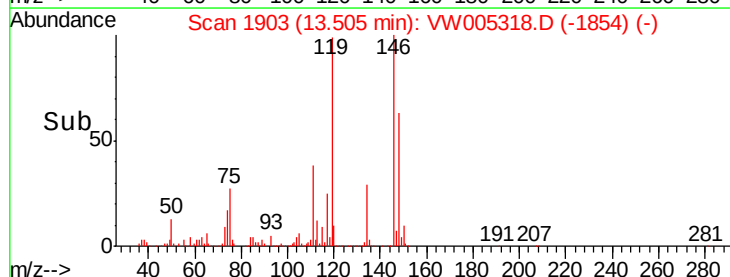
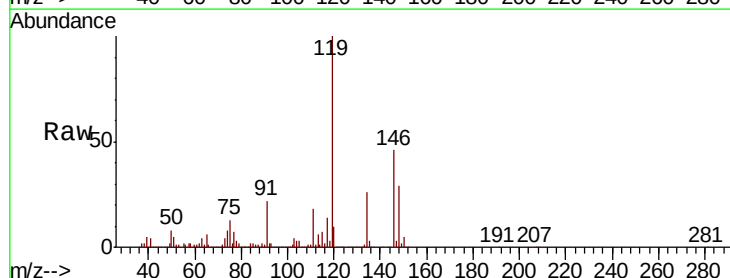
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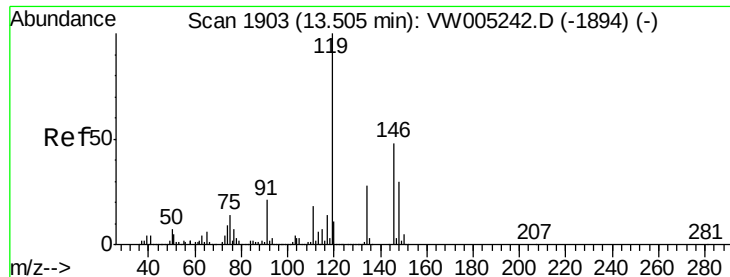
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#86
 p-Isopropyltoluene
 Concen: 55.25 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.2	39.5
91	21.7	10.7	32.1





#87

1,3-Dichlorobenzene

Concen: 52.33 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005318.D

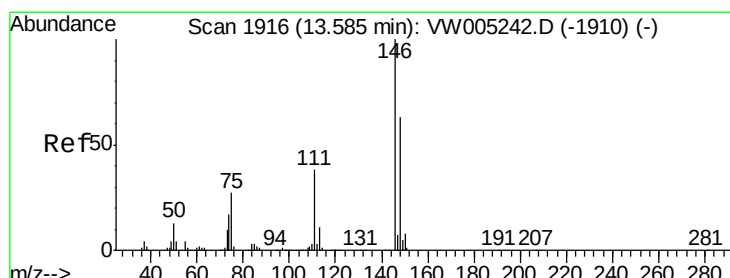
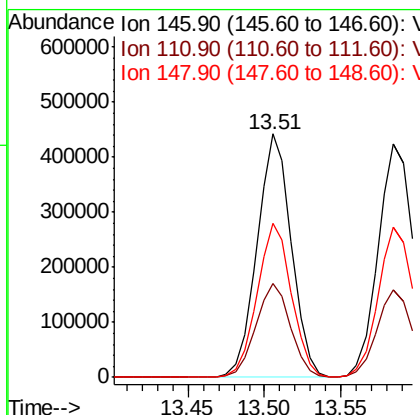
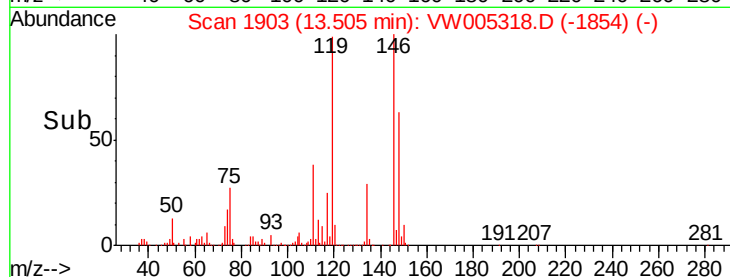
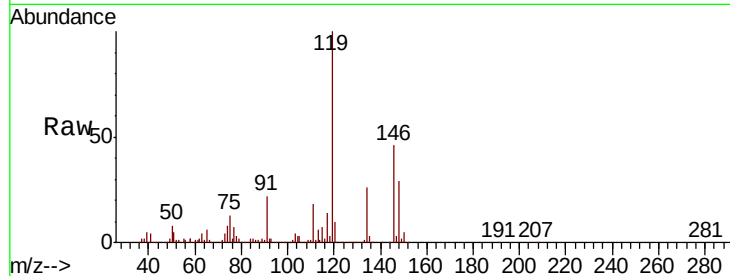
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	689739		
111	38.7		18.8	56.3
148	63.5		31.6	94.8

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#88

1,4-Dichlorobenzene

Concen: 52.21 ug/l

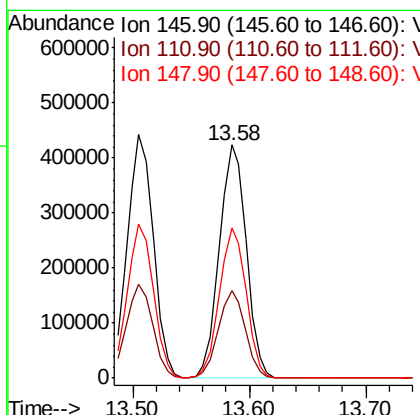
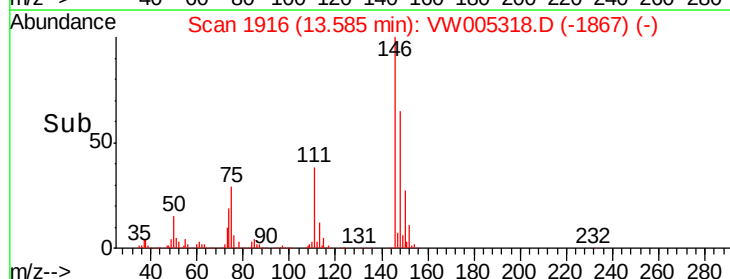
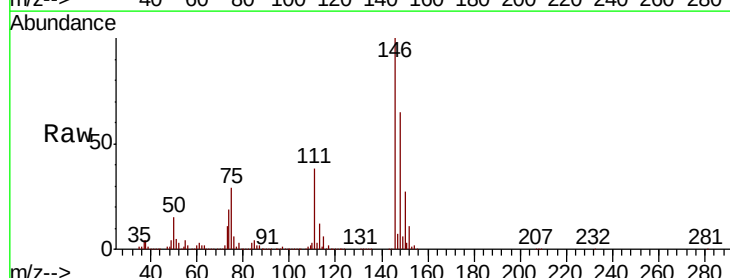
RT: 13.58 min Scan# 1916

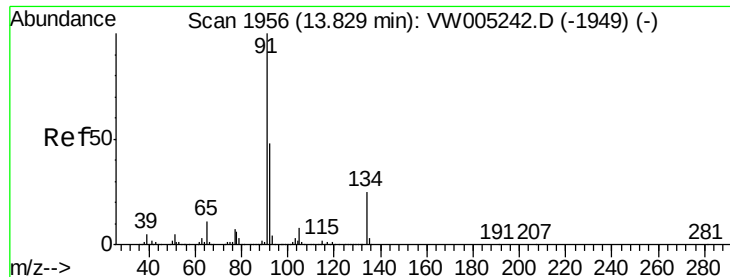
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	675960		
111	37.7		19.1	57.3
148	64.2		32.3	96.9





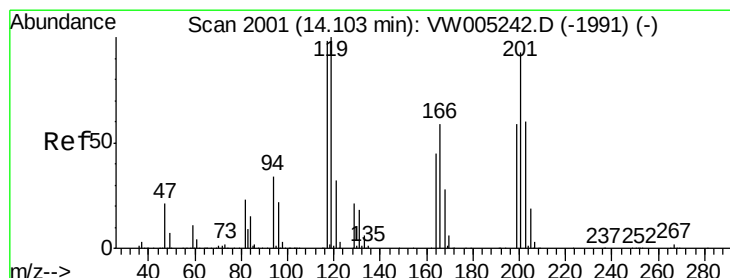
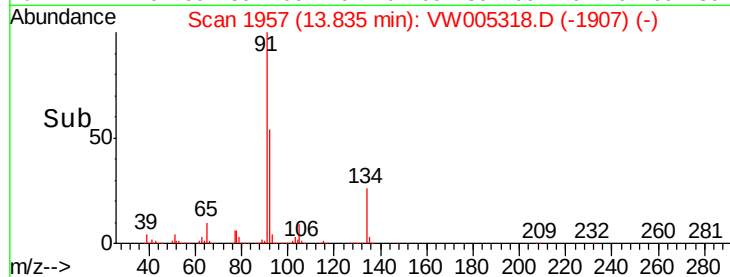
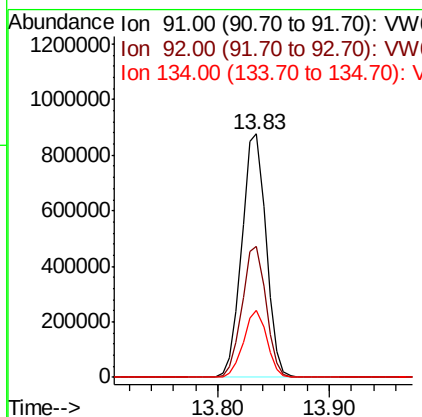
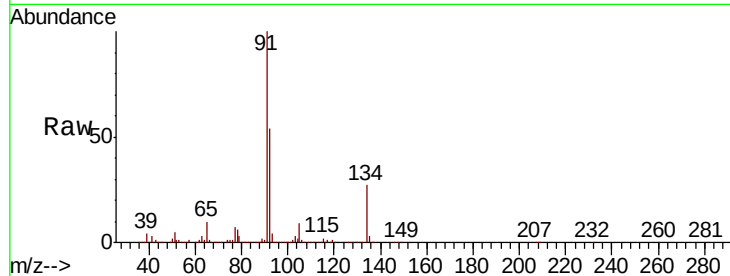
#89
n-Butylbenzene
Concen: 55.81 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.8	77.3
134	26.5	13.6	40.8

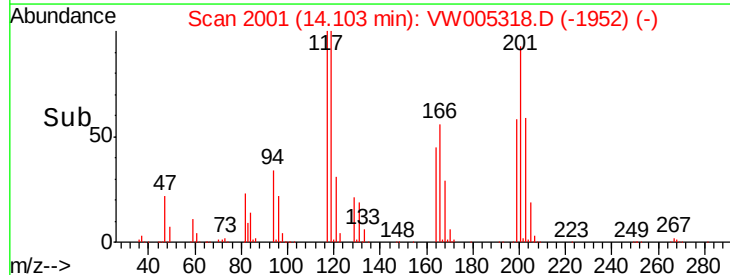
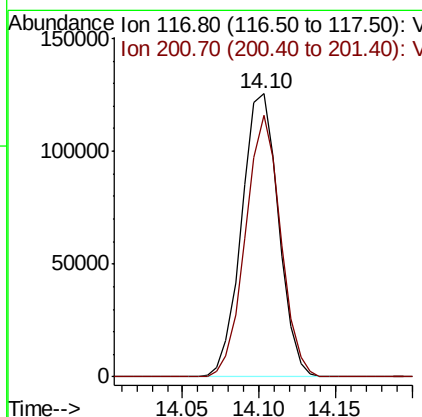
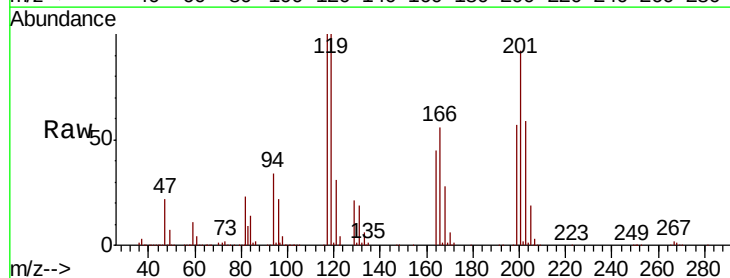
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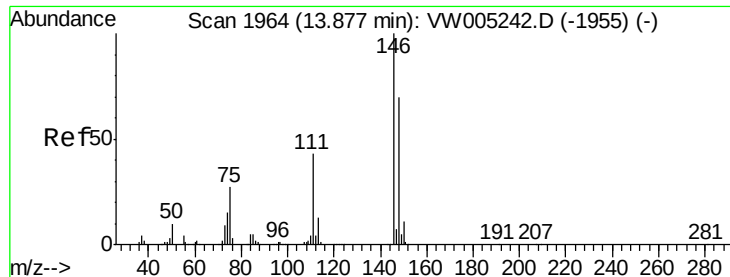
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#90
Hexachloroethane
Concen: 52.20 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.0	132.1





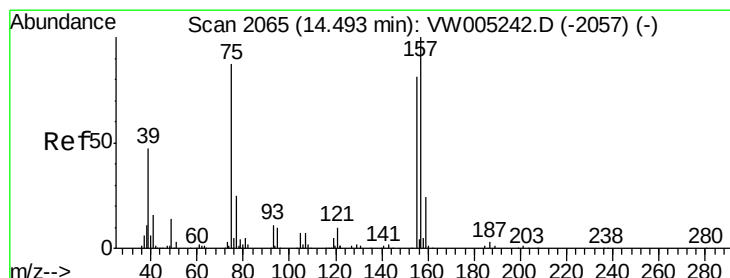
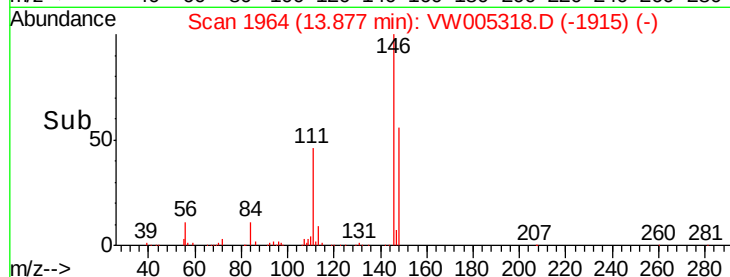
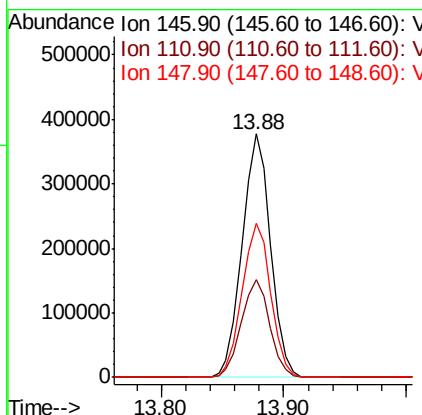
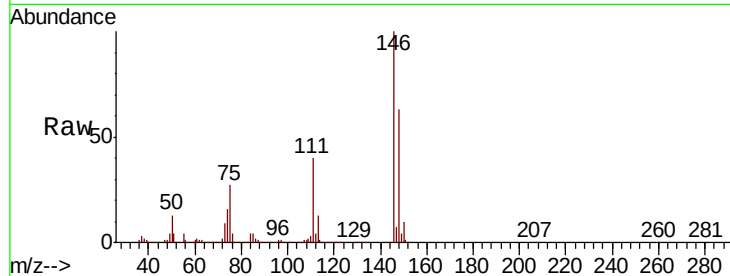
#91
 1,2-Dichlorobenzene
 Concen: 52.30 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	64.0	32.7	98.1

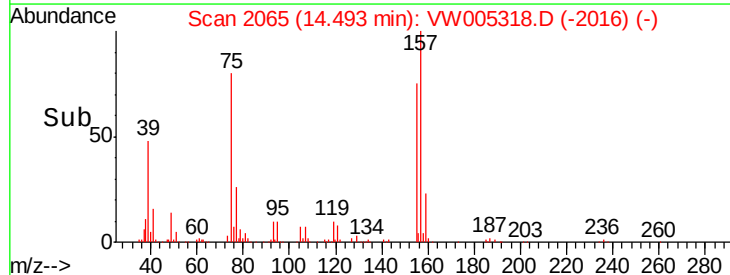
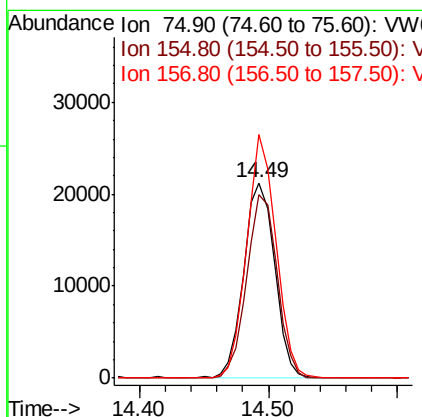
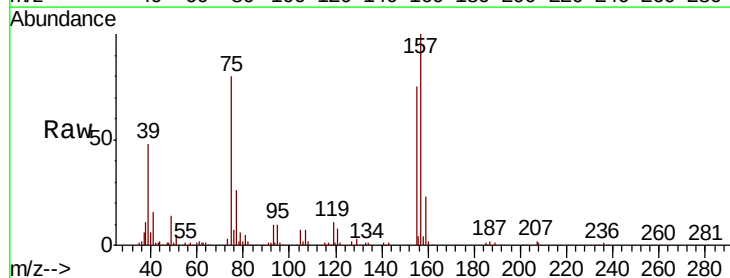
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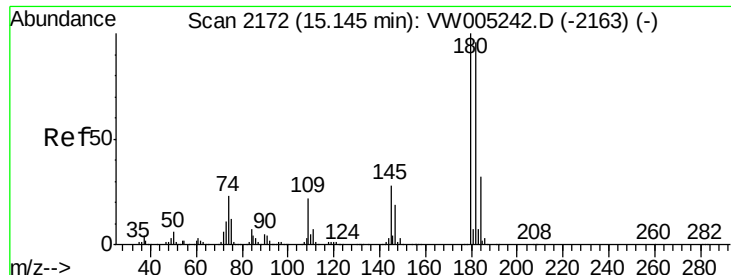
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.15 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	47.4	142.2
157	116.9	59.4	178.2





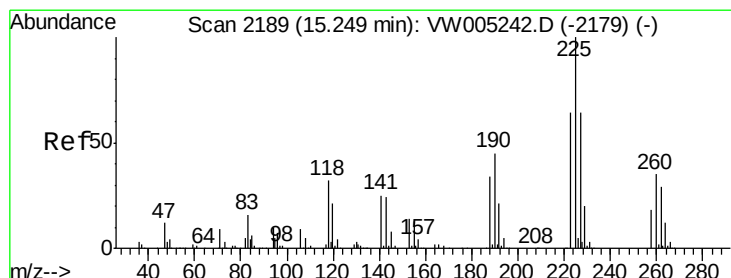
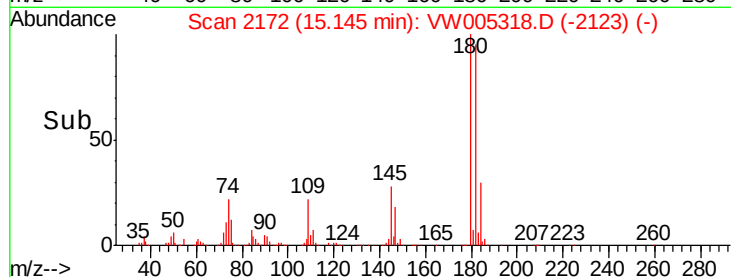
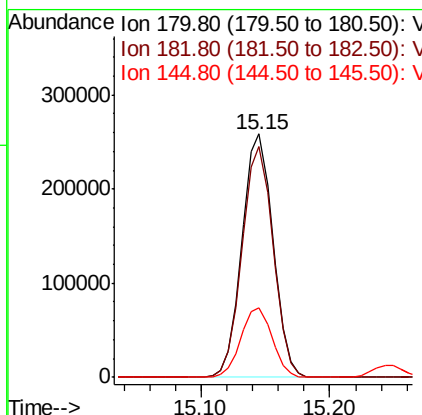
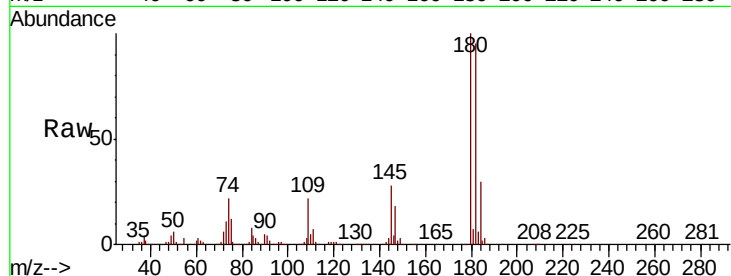
#93
 1,2,4-Trichlorobenzene
 Concen: 52.29 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	48.1	144.4	
145	28.9	14.5	43.6	

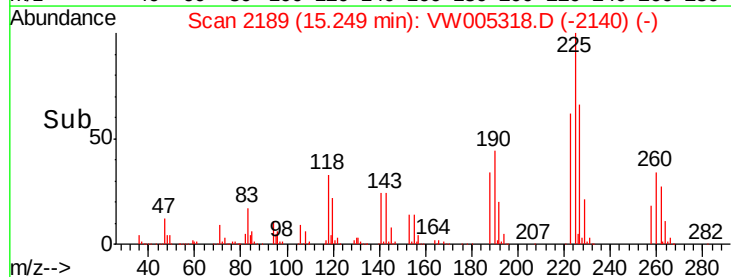
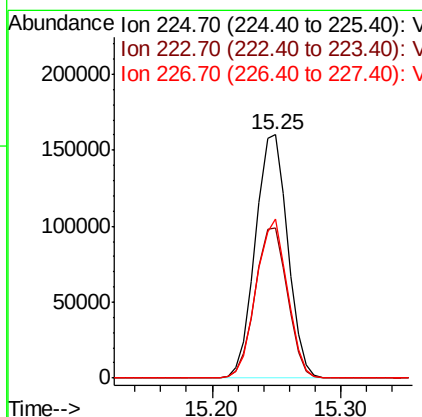
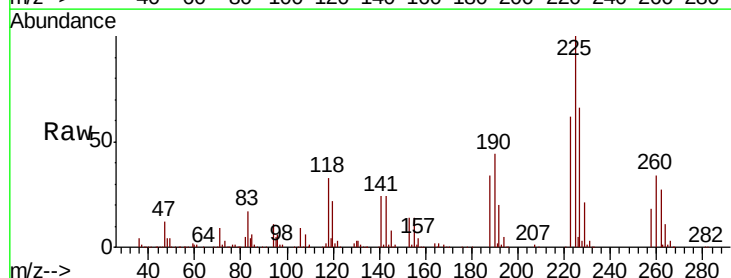
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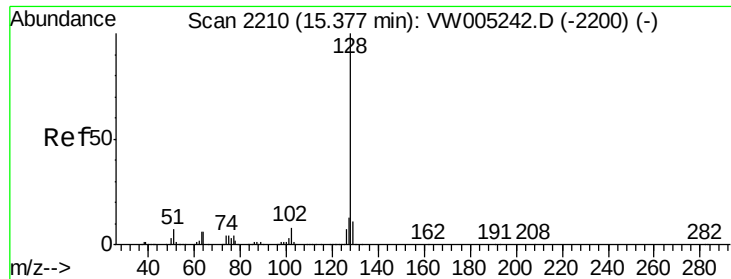
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#94
 Hexachlorobutadiene
 Concen: 52.96 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	31.4	94.2	
227	63.2	32.0	96.0	





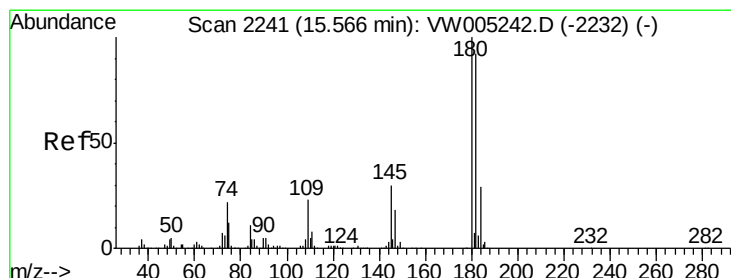
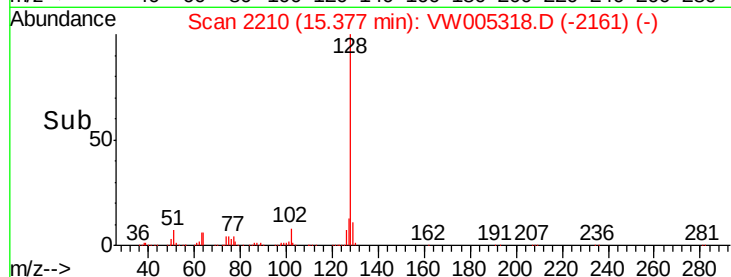
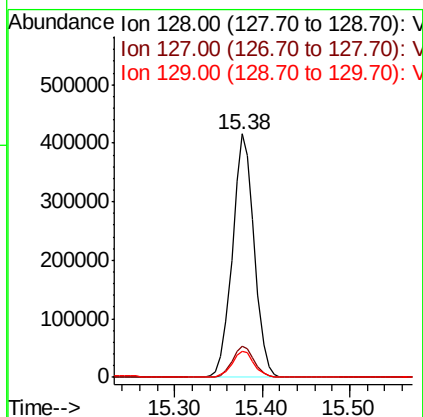
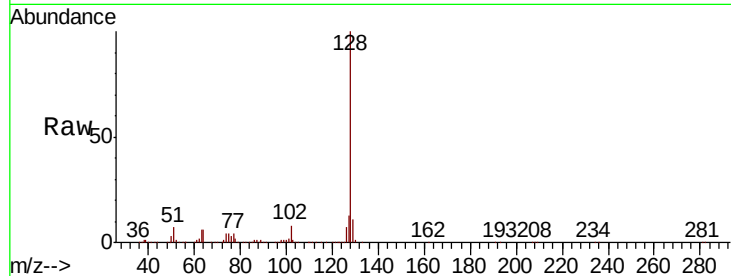
#95
Naphthalene
Concen: 54.20 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	720159		
127	12.9	10.3	15.5	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

apatel
9/13/2018 11:11:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.80 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372341		
182	94.9	47.2	141.6	
145	30.9	15.2	45.6	

