

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005181.D
 Acq On : 06 Sep 2018 23:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 9/7/2018 12:35:33 PM

Quant Time: Sep 07 00:21:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	484370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	704446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	703693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	382615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	222207	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
35) Dibromofluoromethane	7.89	113	220309	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.33	98	1037008	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
62) 4-Bromofluorobenzene	12.63	95	379397	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	181649	46.54	ug/l	98
3) Chloromethane	2.21	50	269496	47.58	ug/l	99
4) Vinyl Chloride	2.35	62	266237	48.34	ug/l	98
5) Bromomethane	2.76	94	172394	51.75	ug/l	97
6) Chloroethane	2.91	64	160388	46.78	ug/l	99
7) Trichlorofluoromethane	3.25	101	310792	50.16	ug/l	97
8) Diethyl Ether	3.68	74	121251	54.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	209812	49.30	ug/l	99
10) Methyl Iodide	4.27	142	257599	41.23	ug/l	100
11) Tert butyl alcohol	5.18	59	83726	368.42	ug/l	97
12) 1,1-Dichloroethene	4.04	96	198610	50.71	ug/l	96
13) Acrolein	3.90	56	69365	266.16	ug/l	98
14) Allyl chloride	4.67	41	323591	52.85	ug/l	99
15) Acrylonitrile	5.37	53	293148	310.01	ug/l	100
16) Acetone	4.13	43	248855	309.04	ug/l	97
17) Carbon Disulfide	4.38	76	705545	51.70	ug/l	99
18) Methyl Acetate	4.68	43	176261	74.41	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	570998	60.04	ug/l	100
20) Methylene Chloride	4.92	84	290353	53.66	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	239998	50.29	ug/l	98
22) Diisopropyl ether	6.32	45	732960	56.89	ug/l	98
23) Vinyl Acetate	6.26	43	1909866	282.22	ug/l	99
24) 1,1-Dichloroethane	6.22	63	418705	51.99	ug/l	98
25) 2-Butanone	7.18	43	421891	302.07	ug/l	98
26) 2,2-Dichloropropane	7.17	77	303982	45.94	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	269490	51.62	ug/l	99
28) Bromochloromethane	7.52	49	186942	57.68	ug/l	98
29) Tetrahydrofuran	7.54	42	225567	316.08	ug/l	100
30) Chloroform	7.68	83	434978	52.92	ug/l	100
31) Cyclohexane	7.96	56	390767	49.55	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	361337	50.48	ug/l	99
36) 1,1-Dichloropropene	8.09	75	345331	51.47	ug/l	99
37) Ethyl Acetate	7.26	43	149101	59.43	ug/l	100
38) Carbon Tetrachloride	8.07	117	316274	49.58	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	433412	53.42	ug/l	100
40) Benzene	8.33	78	1075282	52.35	ug/l	98
41) Methacrylonitrile	7.49	41	86488	59.49	ug/l	95
42) 1,2-Dichloroethane	8.40	62	266455	53.01	ug/l	100
43) Isopropyl Acetate	8.43	43	277007	60.67	ug/l	100
44) Trichloroethene	9.10	130	284128	51.27	ug/l	98
45) 1,2-Dichloropropane	9.37	63	268616	53.54	ug/l	98
46) Dibromomethane	9.46	93	130803	54.52	ug/l	97
47) Bromodichloromethane	9.65	83	324080	53.65	ug/l	99
48) Methyl methacrylate	9.44	41	143234	65.15	ug/l	97
49) 1,4-Dioxane	9.46	88	46532	1199.29	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1014816	331.65	ug/l	99
52) Toluene	10.40	92	743391	53.42	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	333897	56.25	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	398892	55.25	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	209524	56.40	ug/l	98
56) Ethyl methacrylate	10.65	69	275613	65.03	ug/l	100
57) 1,3-Dichloropropane	10.94	76	349754	57.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	689389	343.29	ug/l	99
59) 2-Hexanone	10.98	43	708552	342.36	ug/l	99
60) Dibromochloromethane	11.13	129	234350	55.80	ug/l	100
61) 1,2-Dibromoethane	11.24	107	191719	57.17	ug/l	100
64) Tetrachloroethene	10.87	164	294234	53.29	ug/l	97
65) Chlorobenzene	11.66	112	821326	51.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	255053	52.69	ug/l	99
67) Ethyl Benzene	11.74	91	1432400	53.49	ug/l	99
68) m/p-Xylenes	11.85	106	1148852	107.14	ug/l	100
69) o-Xylene	12.17	106	535722	54.04	ug/l	100
70) Styrene	12.19	104	910651	55.61	ug/l	99
71) Bromoform	12.35	173	146450	57.08	ug/l #	99
73) Isopropylbenzene	12.47	105	1439879	53.37	ug/l	100
74) N-amyl acetate	12.28	43	275502	59.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	244344	59.49	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	165912m	57.77	ug/l	
77) Bromobenzene	12.76	156	349378	52.56	ug/l	97
78) n-propylbenzene	12.81	91	1739504	53.41	ug/l	100
79) 2-Chlorotoluene	12.90	91	999147	52.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1240403	53.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	69354	58.12	ug/l	98
82) 4-Chlorotoluene	12.99	91	1049459	52.31	ug/l	100
83) tert-Butylbenzene	13.21	119	1033580	53.05	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1268873	53.40	ug/l	99
85) sec-Butylbenzene	13.39	105	1511749	52.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	1348057	53.19	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	708353	51.88	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	695279	51.33	ug/l	100
89) n-Butylbenzene	13.83	91	1252641	53.33	ug/l	100
90) Hexachloroethane	14.10	117	217925	51.76	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	636460	53.48	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39219	61.11	ug/l	98

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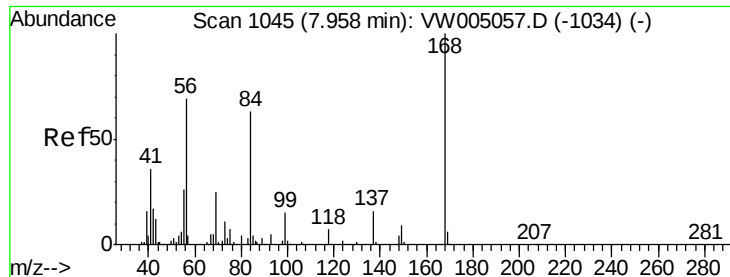
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	435425	54.56	ug/l	100
94) Hexachlorobutadiene	15.24	225	258925	52.17	ug/l	100
95) Naphthalene	15.38	128	774943	55.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	382167	55.96	ug/l	100

(#) = 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: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 484370

Ion Ratio Lower Upper

168 100

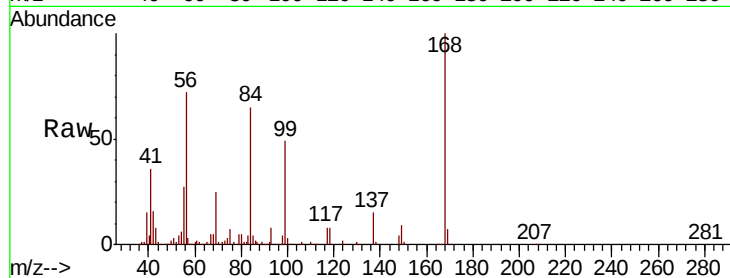
99 48.7 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

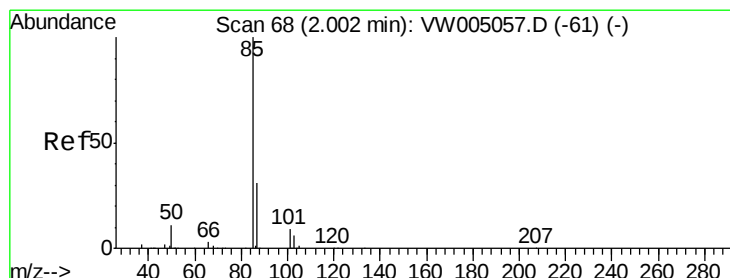
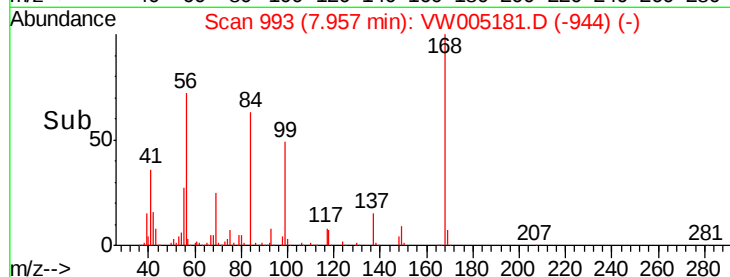
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.54 ug/l

RT: 1.99 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005181.D

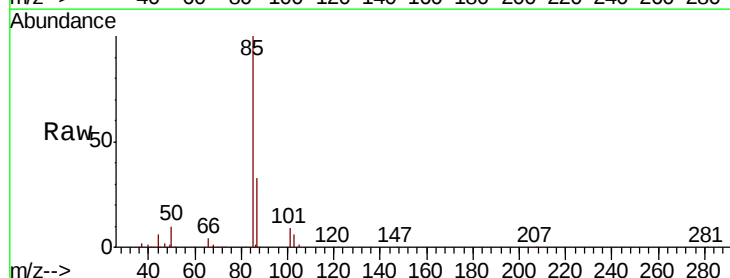
Acq: 06 Sep 2018 23:57

Tgt Ion: 85 Resp: 181649

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

1.99

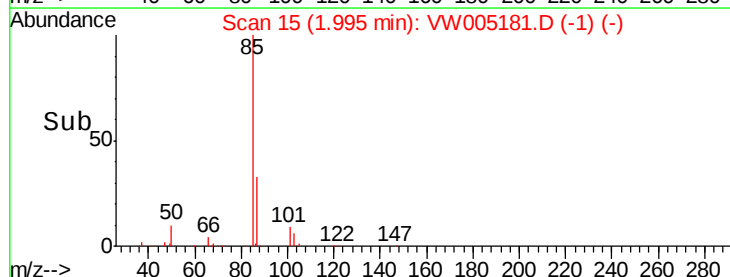
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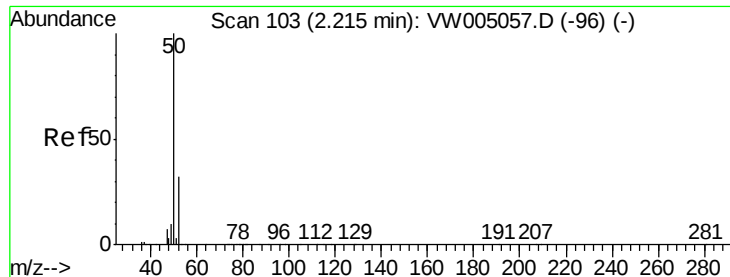
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 47.58 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 269496

Ion Ratio Lower Upper

50 100

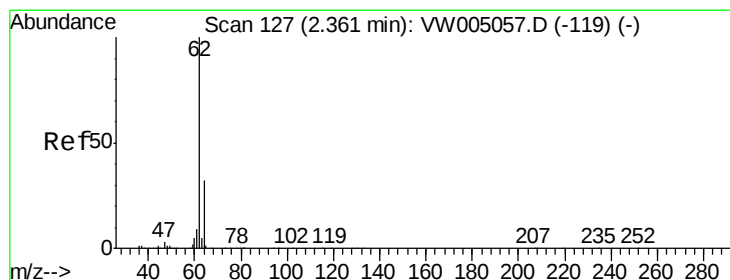
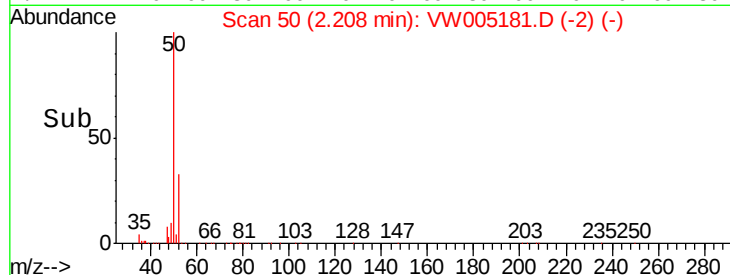
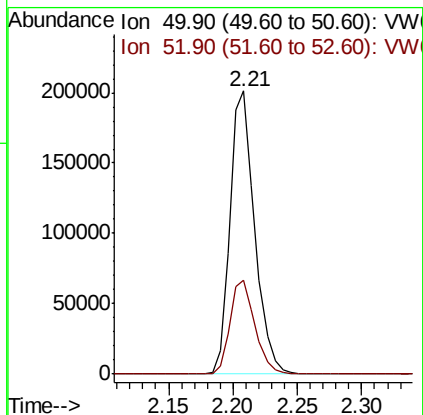
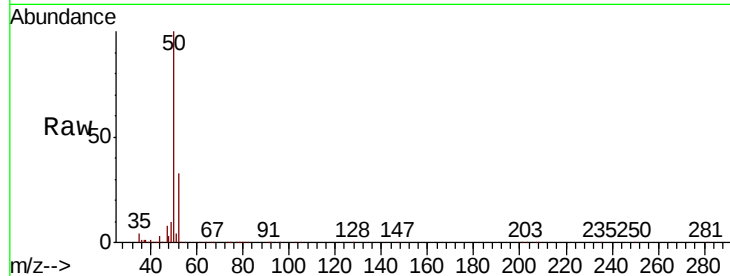
52 33.0 25.8 38.6

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#4

Vinyl Chloride

Concen: 48.34 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW005181.D

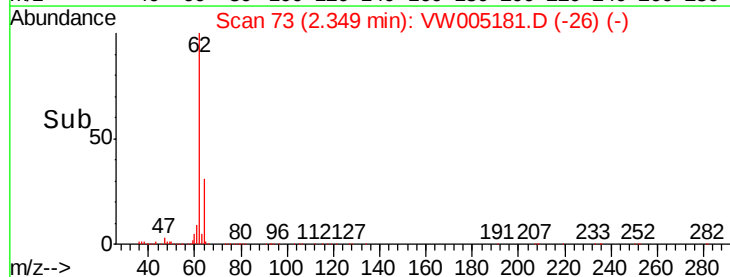
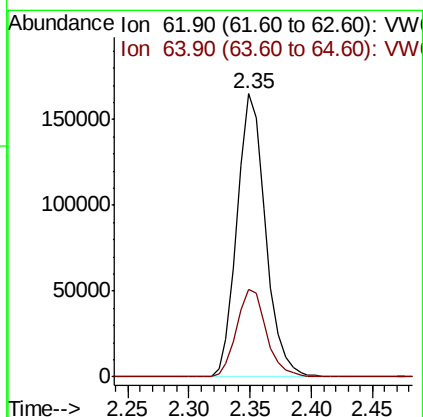
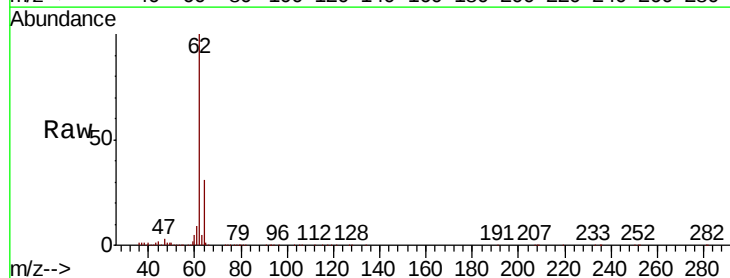
Acq: 06 Sep 2018 23:57

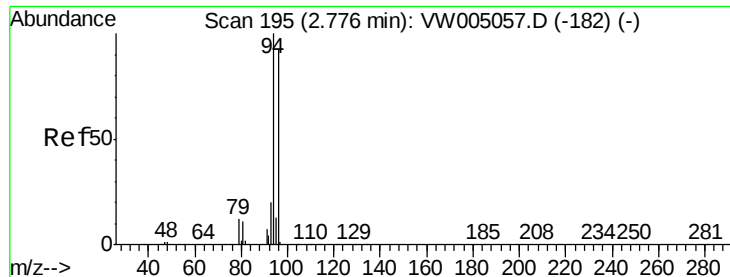
Tgt Ion: 62 Resp: 266237

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4





#5

Bromomethane

Concen: 51.75 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 172394

Ion Ratio Lower Upper

94 100

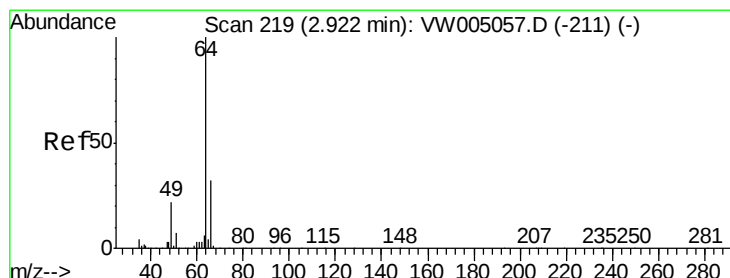
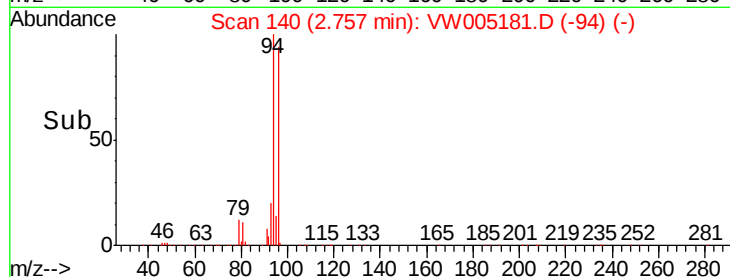
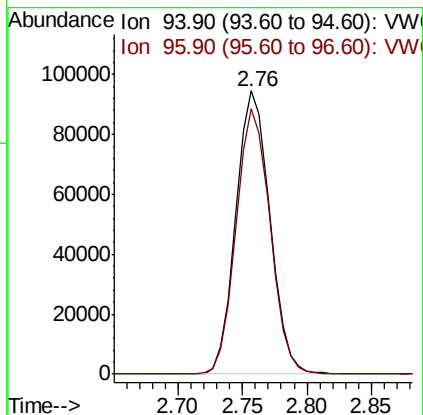
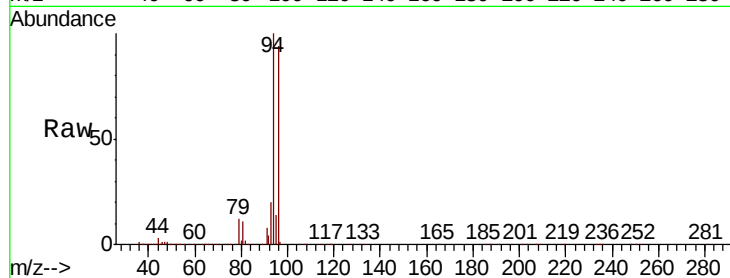
96 93.9 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 46.78 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005181.D

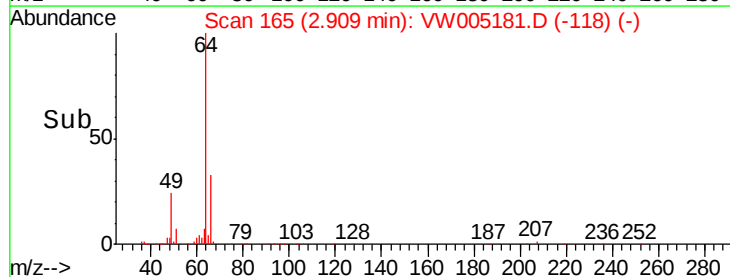
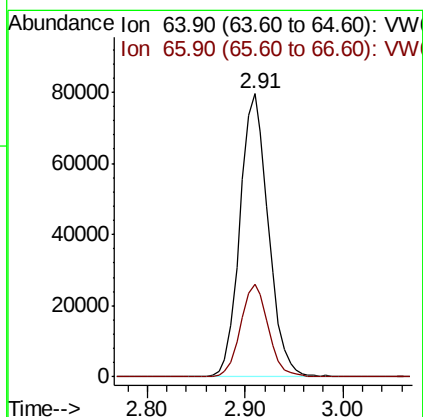
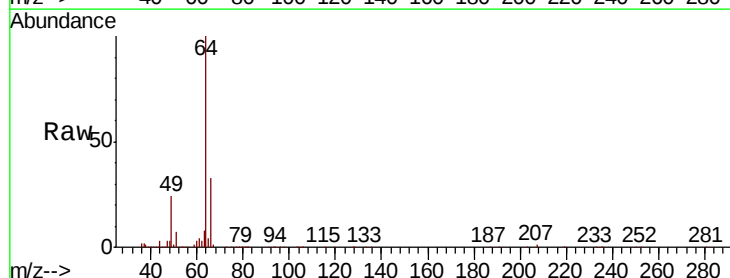
Acq: 06 Sep 2018 23:57

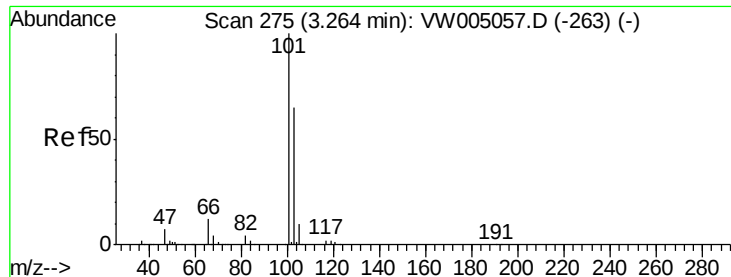
Tgt Ion: 64 Resp: 160388

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5





#7

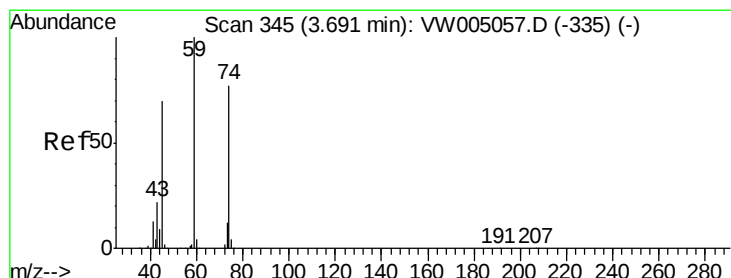
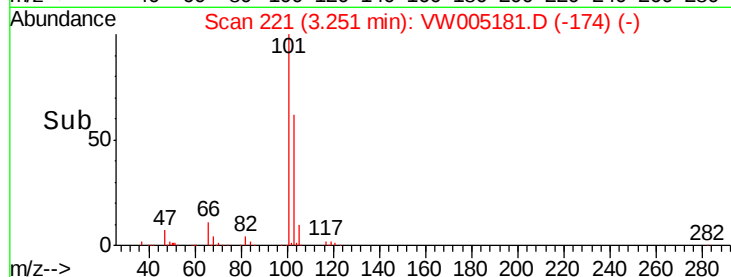
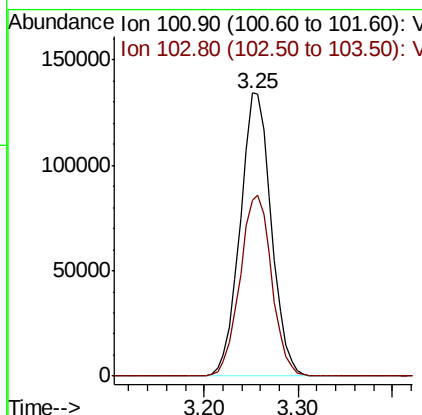
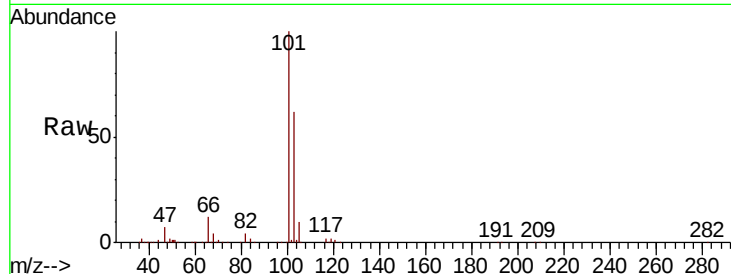
Trichlorofluoromethane
 Concen: 50.16 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.9	77.9

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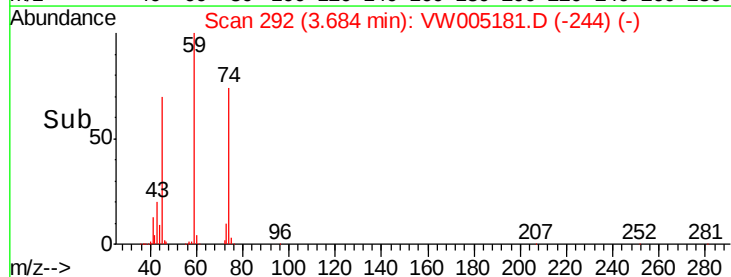
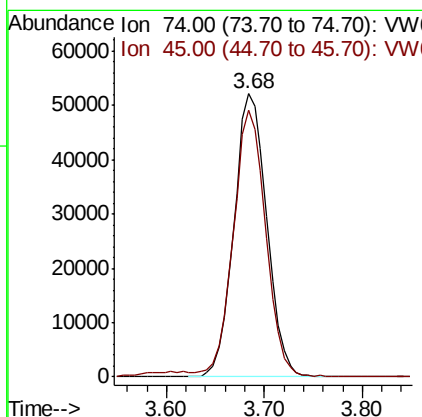
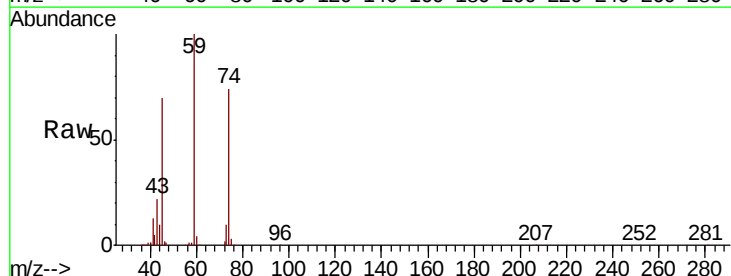
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 9/7/2018 12:35:33 PM

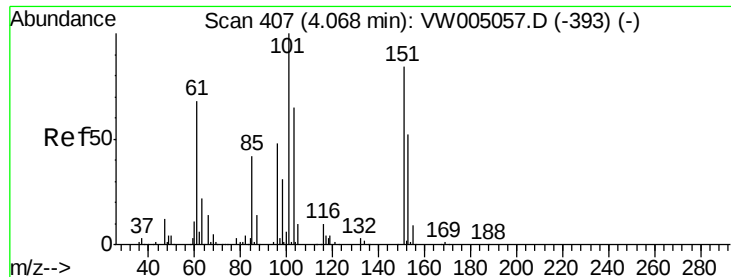


#8

Diethyl Ether
 Concen: 54.09 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.30 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

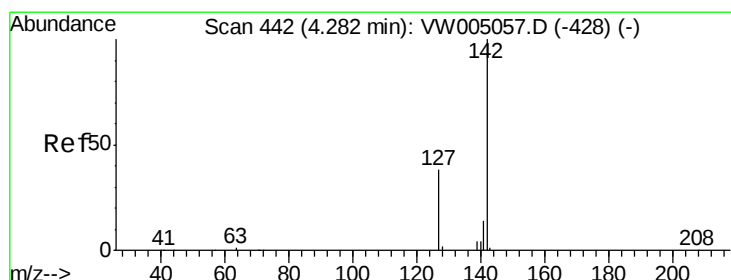
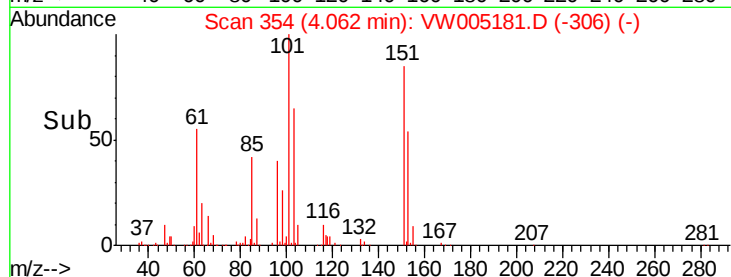
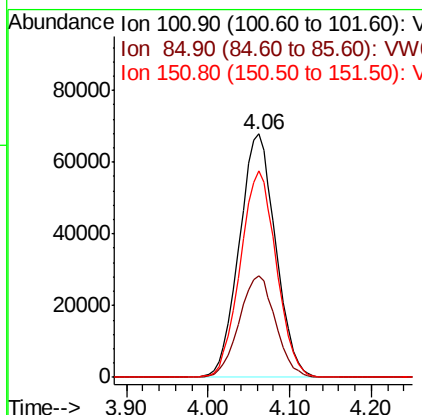
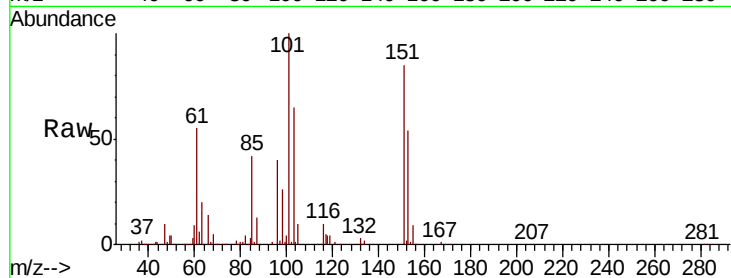
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	209812
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.0	49.6
151	84.2	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 41.23 ug/l

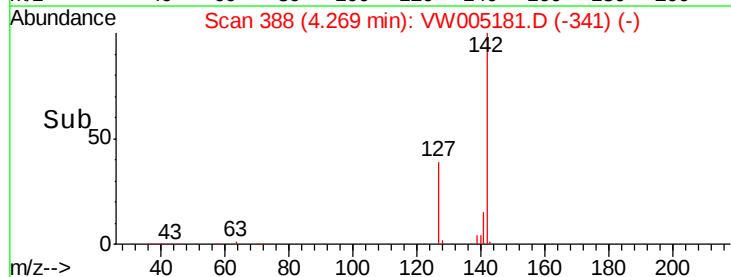
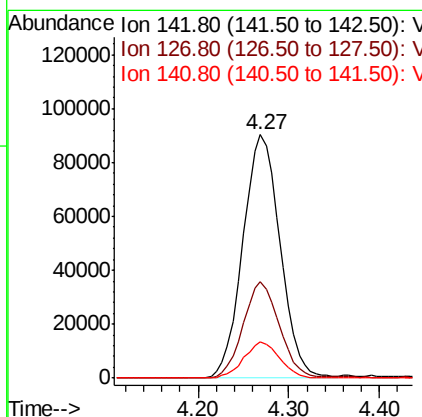
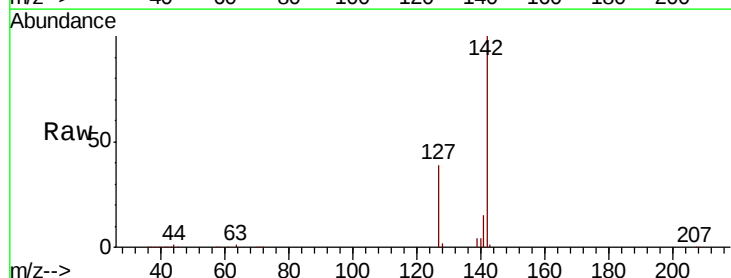
RT: 4.27 min Scan# 388

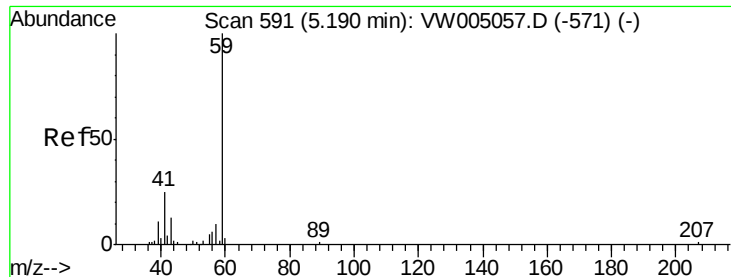
Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion:	142	Resp:	257599
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.8	46.2
141	14.4	11.6	17.4





#11

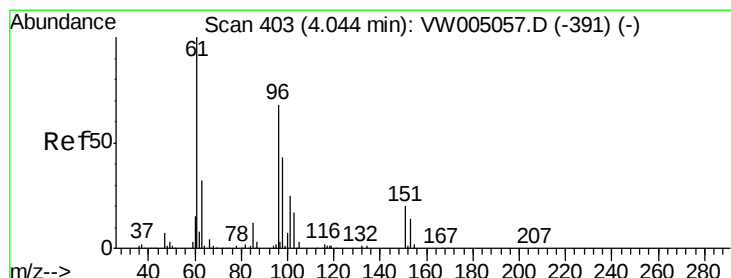
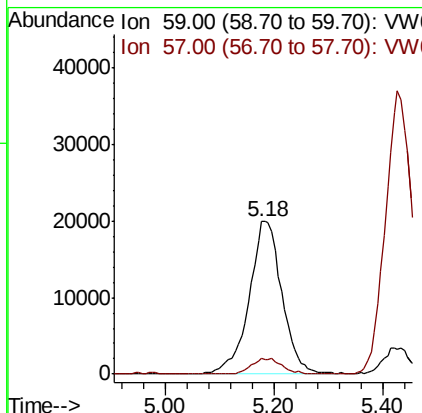
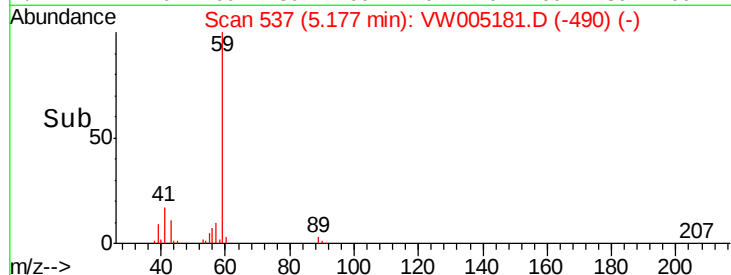
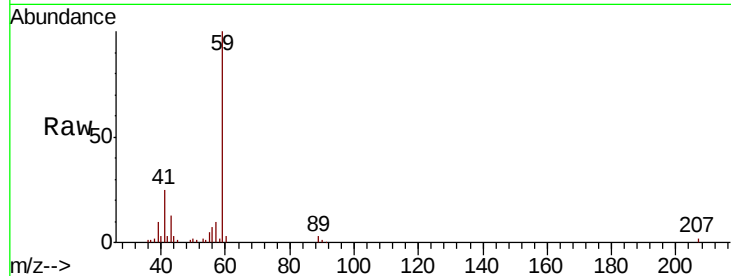
Tert butyl alcohol
Concen: 368.42 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.01 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	59.00	Resp	83726
Ion Ratio	100	Lower	Upper
59	100		
57	9.6	8.6	12.8

Manual Integrations
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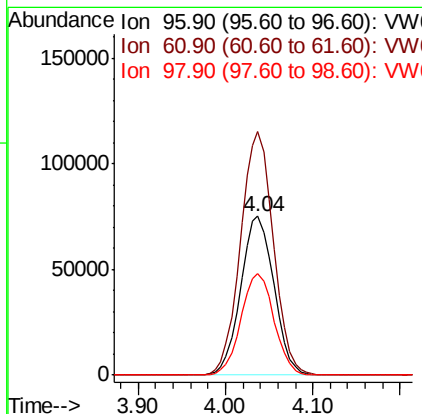
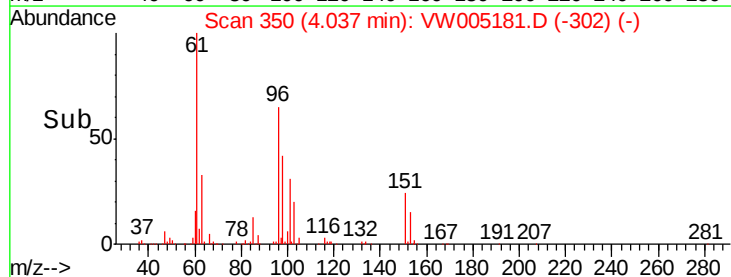
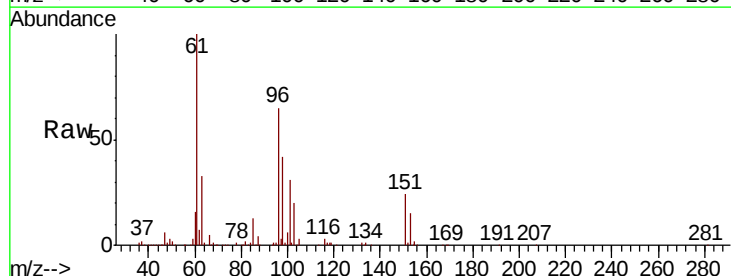
apatel
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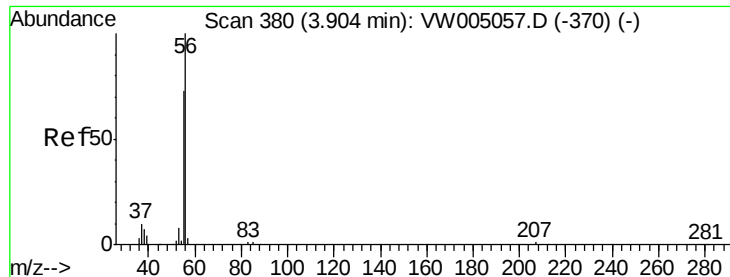


#12

1,1-Dichloroethene
Concen: 50.71 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	96	Resp	198610
Ion Ratio	100	Lower	Upper
96	100		
61	153.2	117.4	176.0
98	64.3	51.0	76.4





#13

Acrolein

Concen: 266.16 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 69365

Ion Ratio Lower Upper

56 100

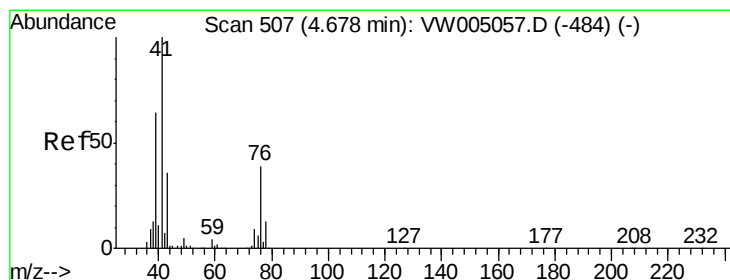
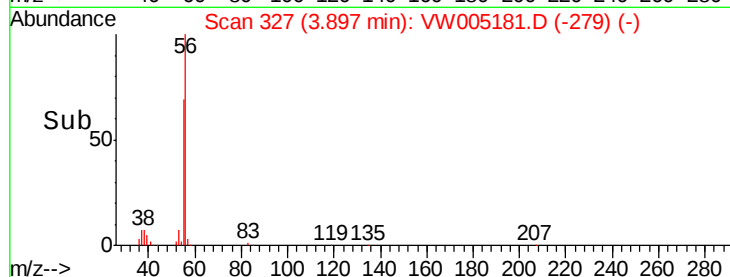
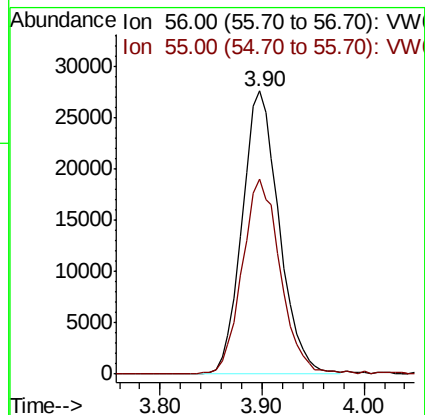
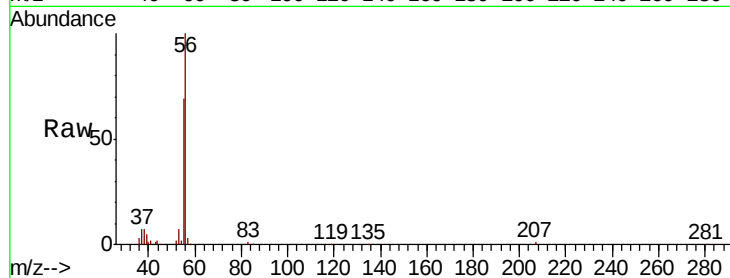
55 71.2 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 52.85 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

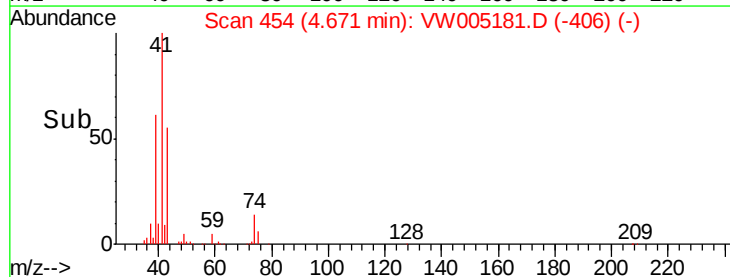
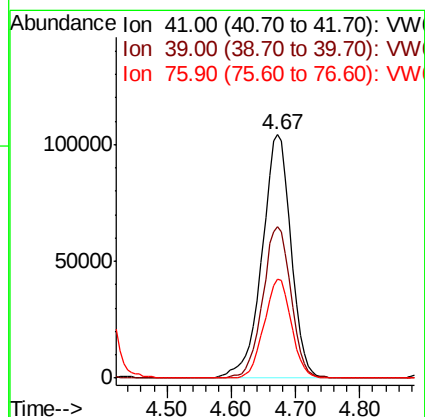
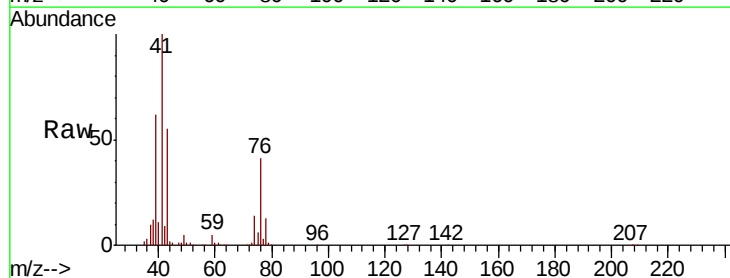
Tgt Ion: 41 Resp: 323591

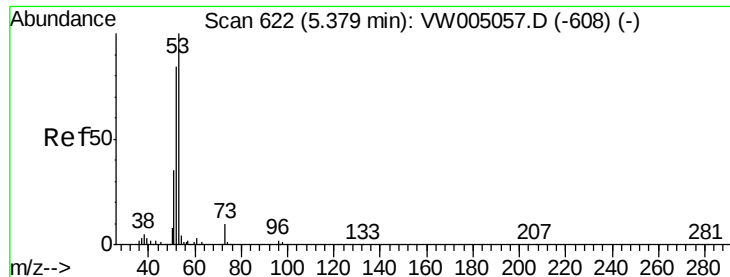
Ion Ratio Lower Upper

41 100

39 61.1 49.4 74.2

76 38.4 31.8 47.6





#15

Acrylonitrile

Concen: 310.01 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

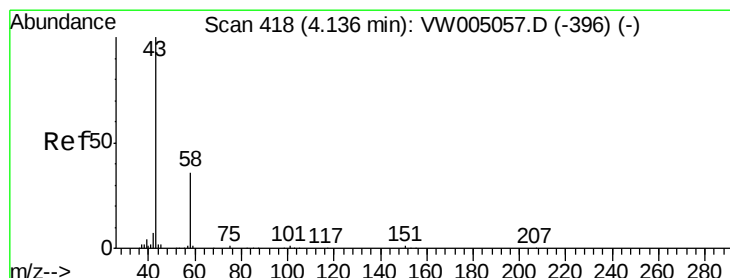
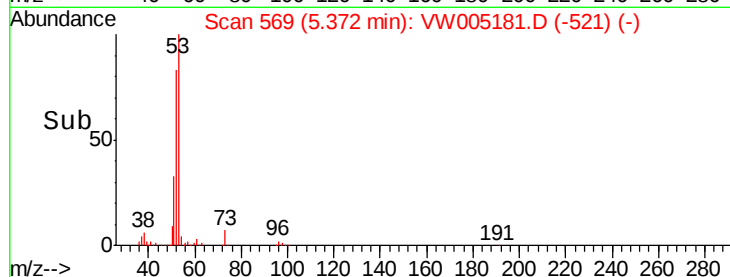
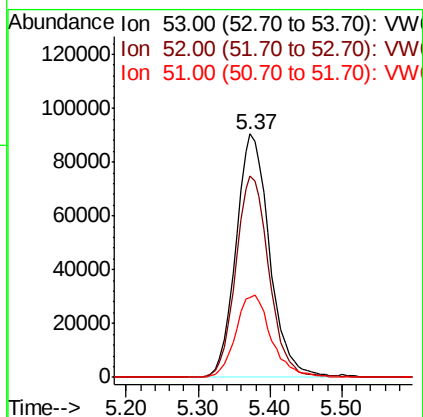
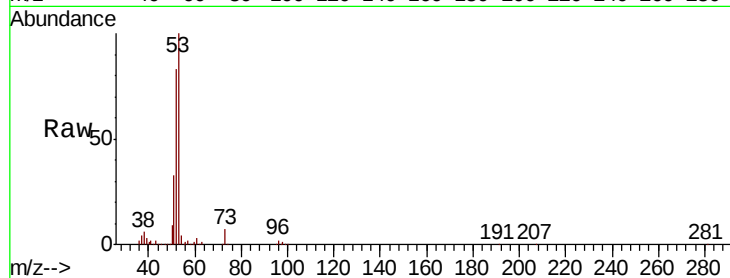
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	293148
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.7	98.5
51	35.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 309.04 ug/l

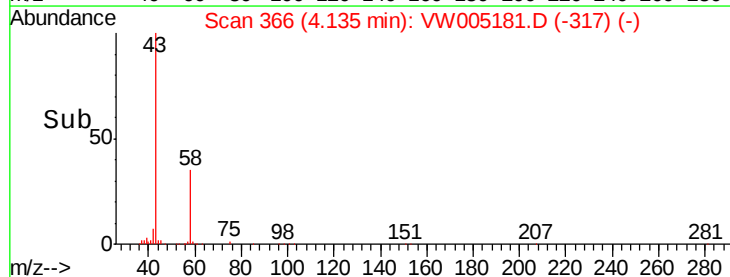
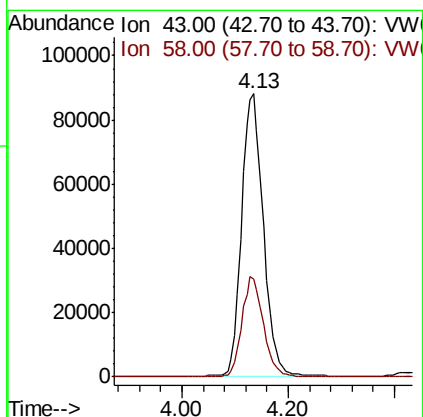
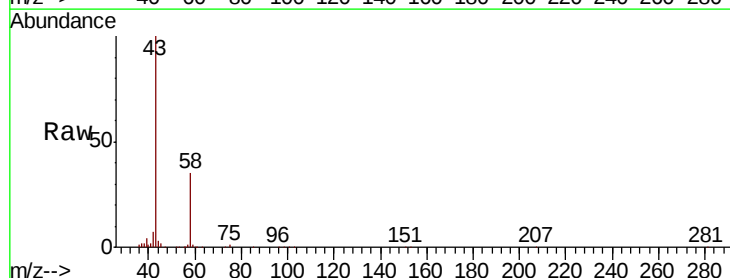
RT: 4.13 min Scan# 366

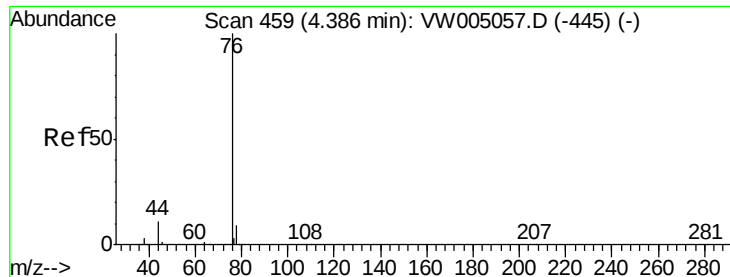
Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion:	43	Resp:	248855
Ion	Ratio	Lower	Upper
43	100		
58	34.6	29.0	43.6





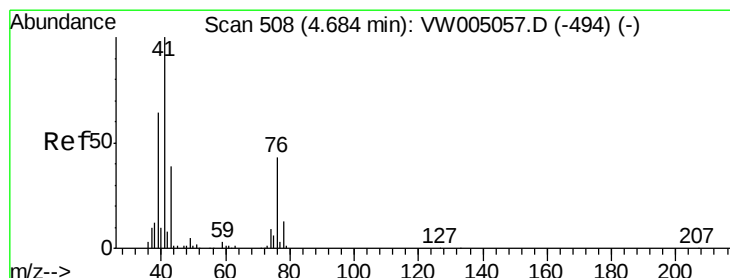
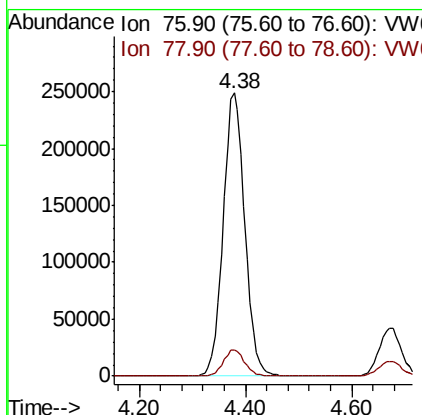
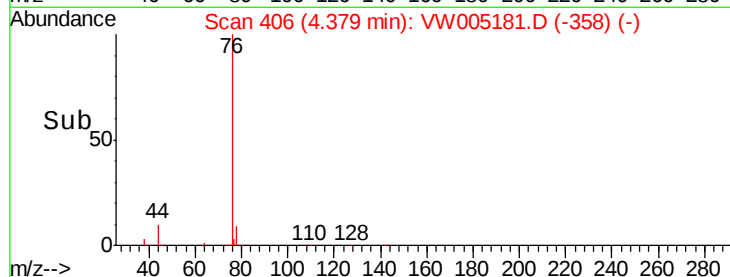
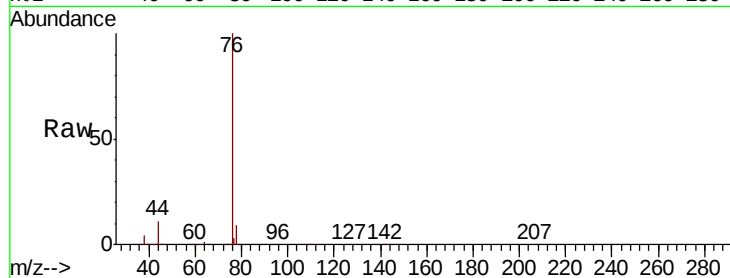
#17
Carbon Disulfide
Concen: 51.70 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

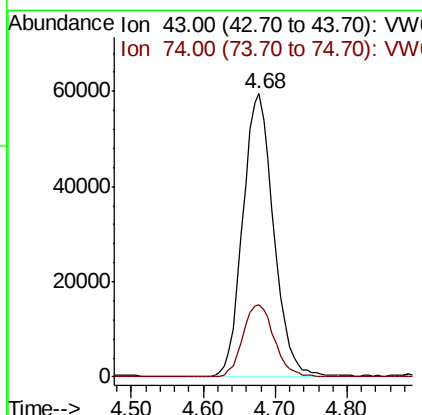
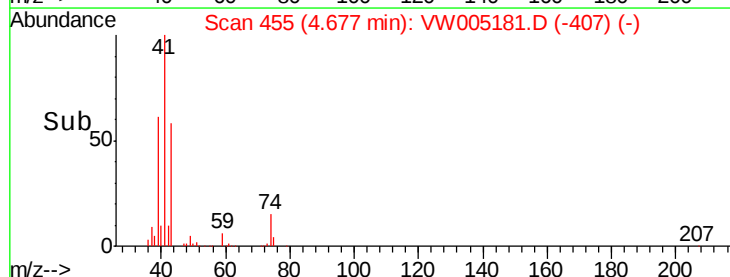
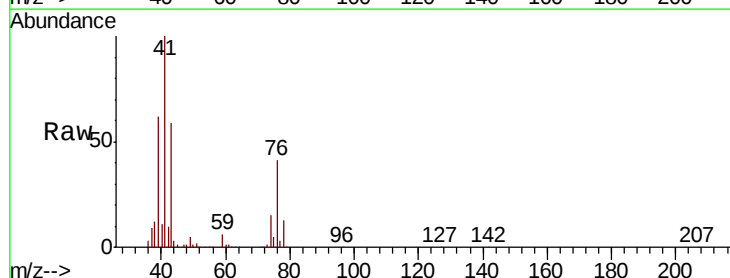
Manual Integrations
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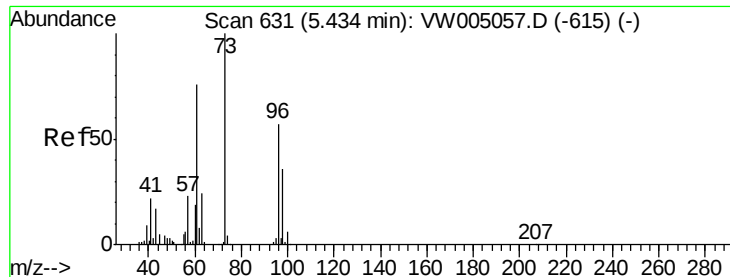
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#18
Methyl Acetate
Concen: 74.41 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.7	31.1





#19

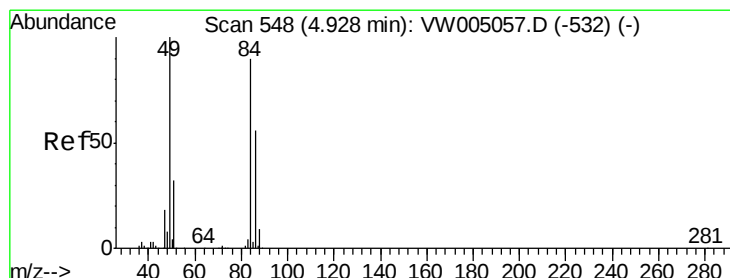
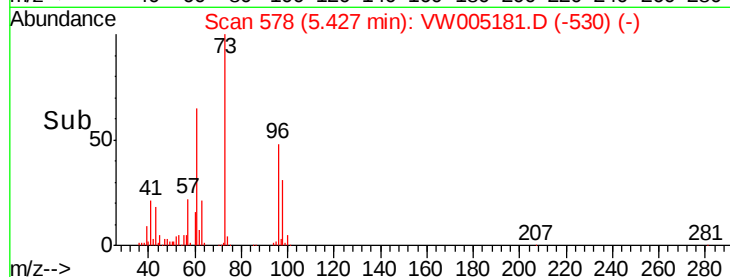
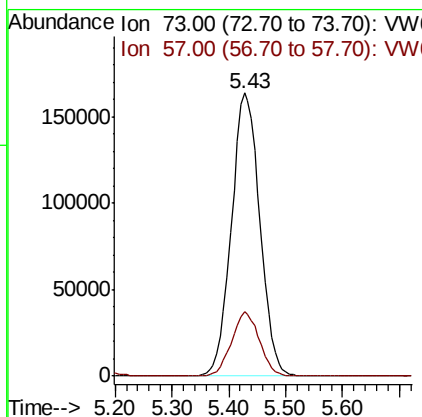
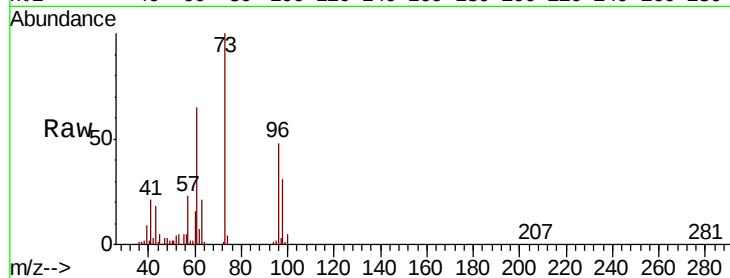
Methyl tert-butyl Ether
 Concen: 60.04 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.1	27.1

Manual Integrations
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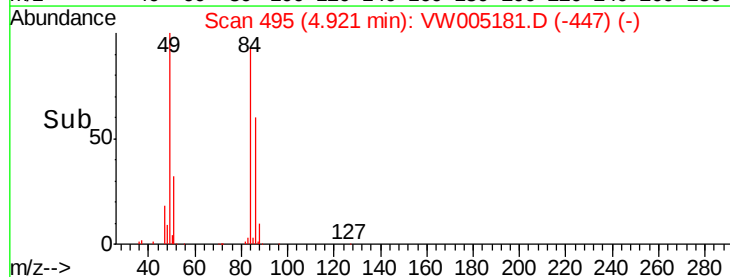
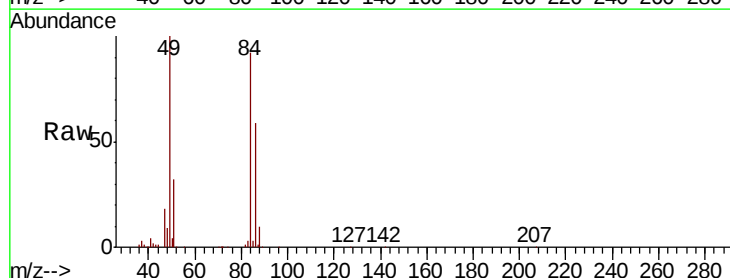
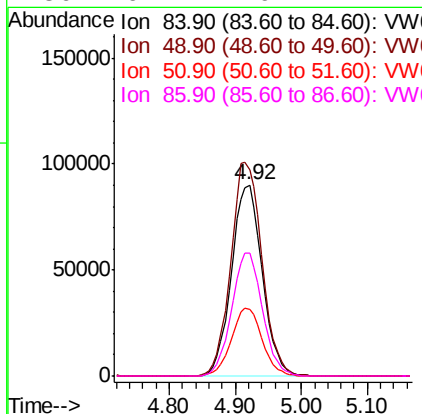
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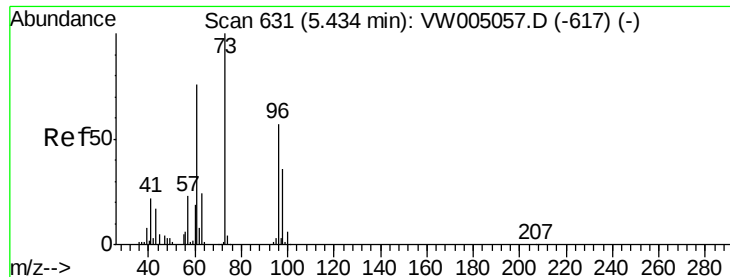


#20

Methylene Chloride
 Concen: 53.66 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.1	88.7	133.1
51	35.1	28.6	42.8
86	64.1	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 50.29 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

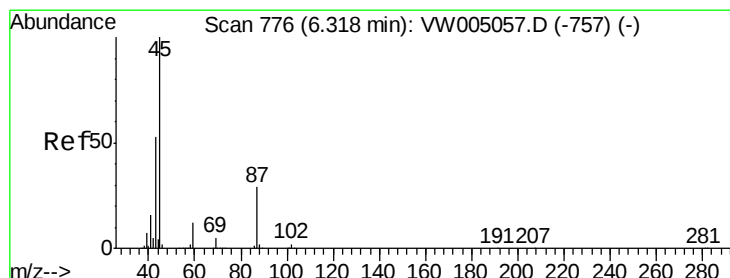
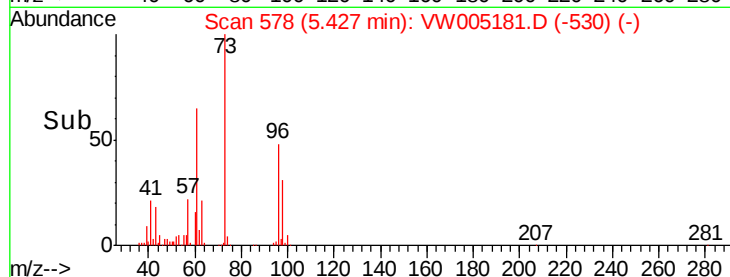
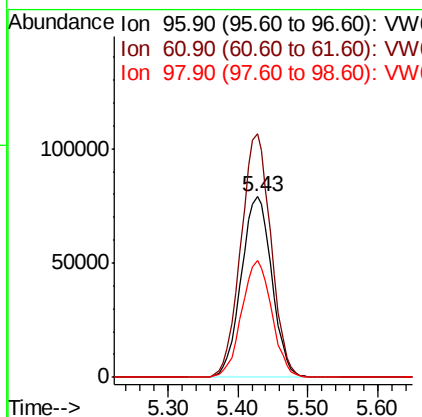
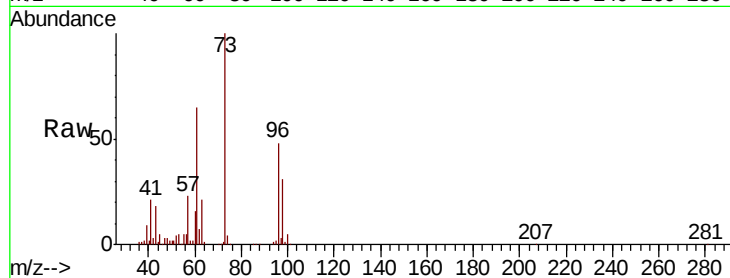
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	239998
Ion	Ratio	Lower	Upper
96	100		
61	135.0	106.3	159.5
98	64.9	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.89 ug/l

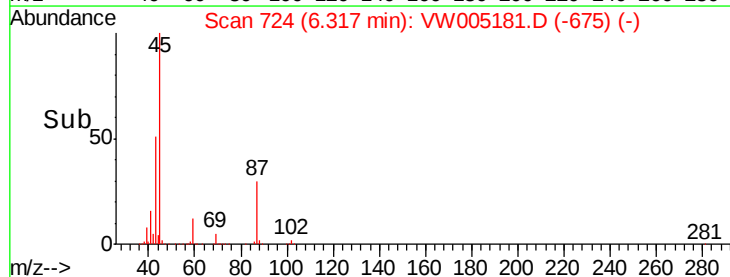
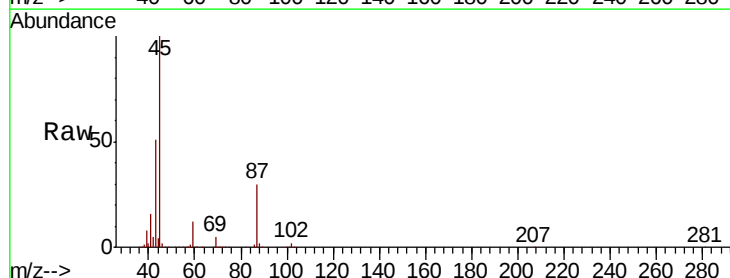
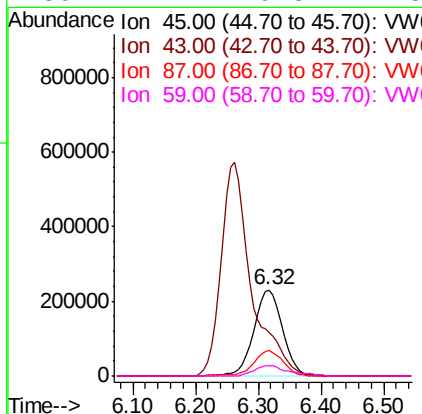
RT: 6.32 min Scan# 724

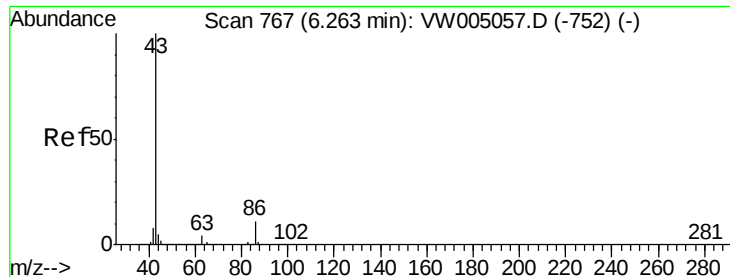
Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion:	45	Resp:	732960
Ion	Ratio	Lower	Upper
45	100		
43	50.4	42.6	63.8
87	29.9	23.6	35.4
59	12.2	9.8	14.8





#23

Vinyl Acetate

Concen: 282.22 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1909866

Ion Ratio Lower Upper

43 100

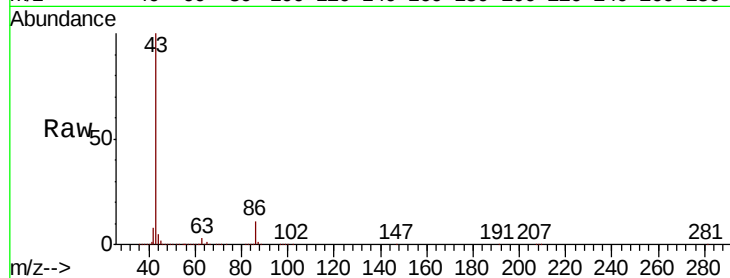
86 11.5 9.0 13.4

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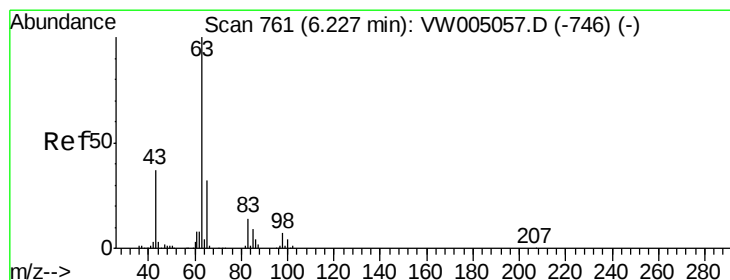
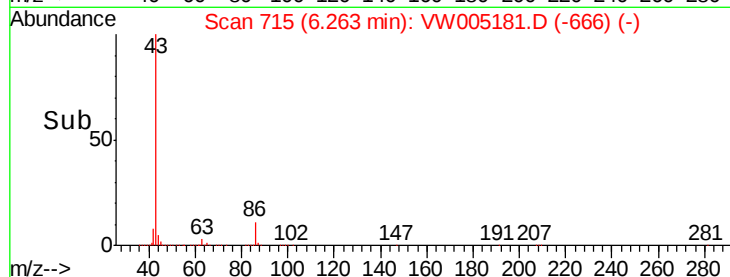
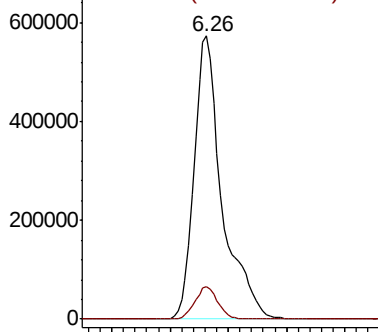
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.99 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

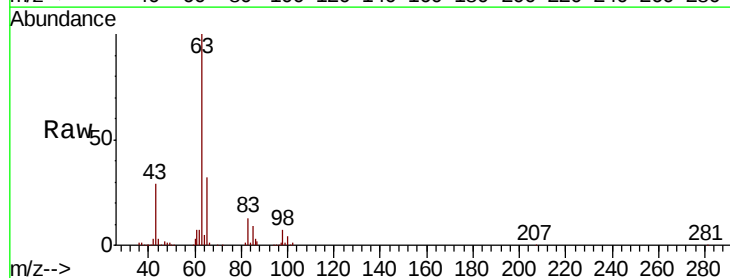
Tgt Ion: 63 Resp: 418705

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

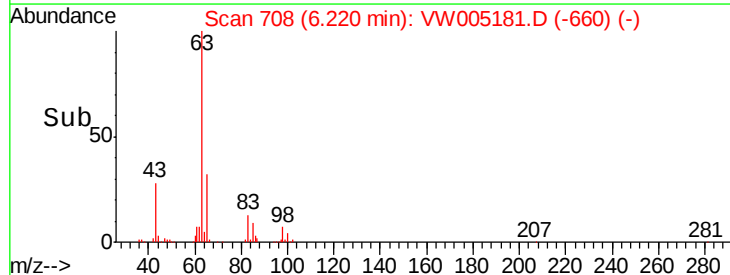
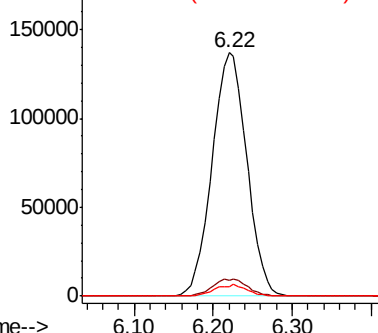
100 4.0 2.2 6.6

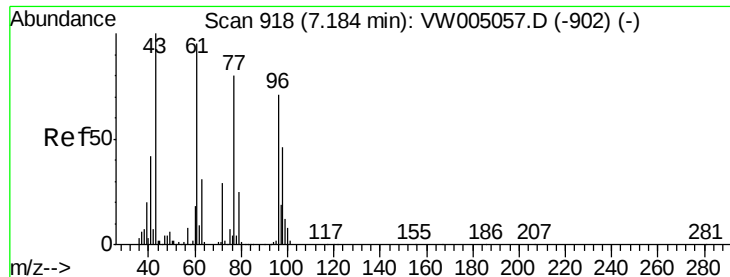


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 302.07 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 421891

Ion Ratio Lower Upper

43 100

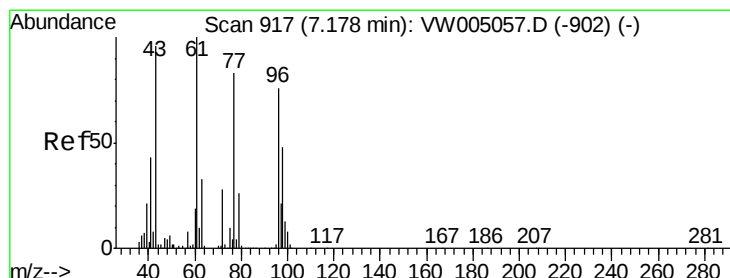
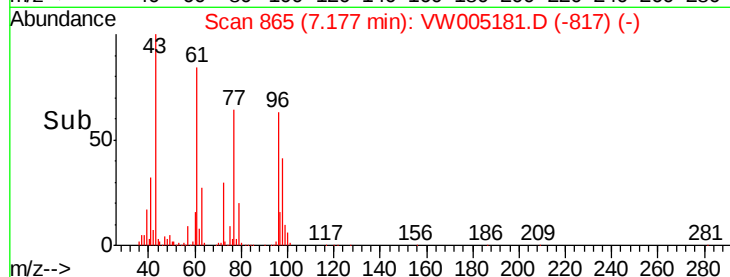
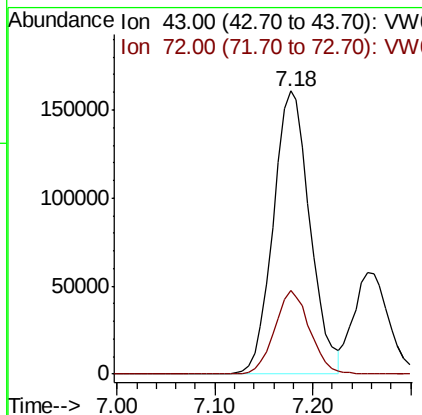
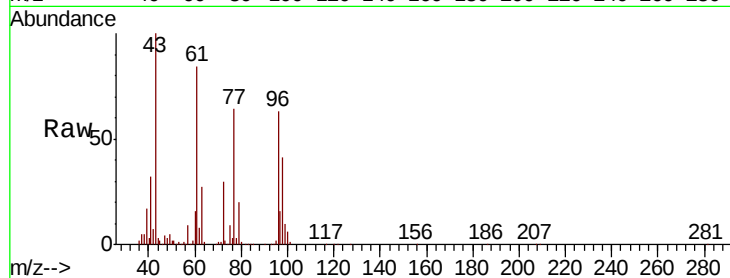
72 29.8 23.1 34.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.94 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005181.D

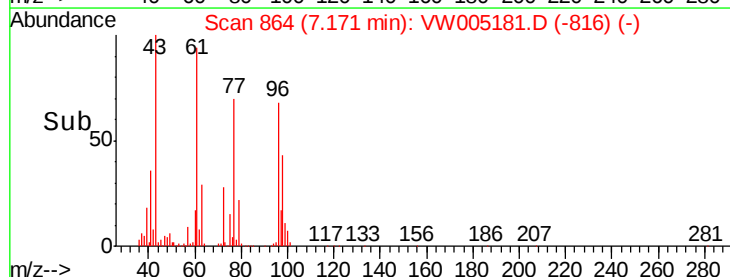
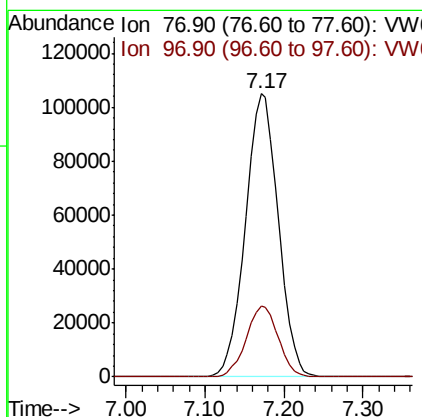
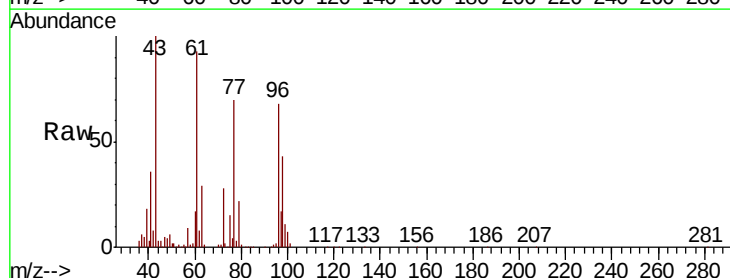
Acq: 06 Sep 2018 23:57

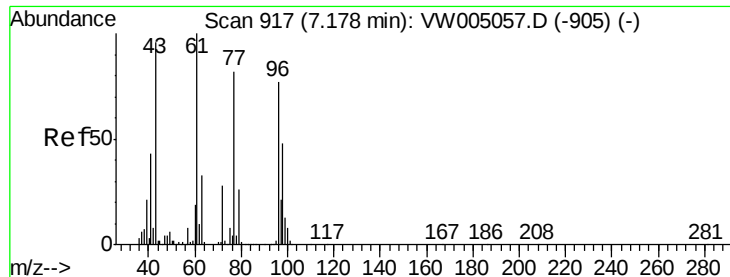
Tgt Ion: 77 Resp: 303982

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

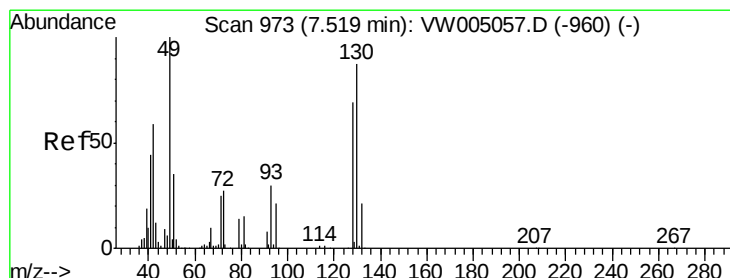
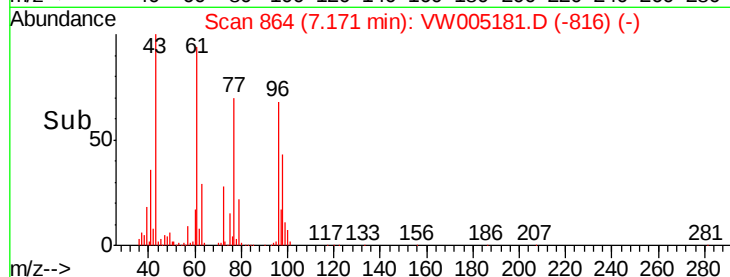
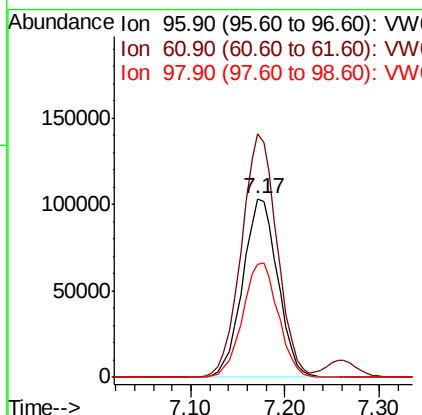
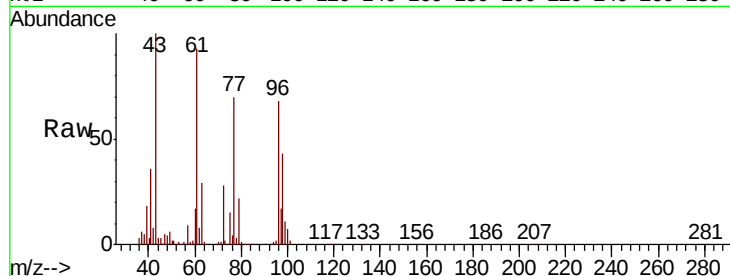
cis-1,2-Dichloroethene
 Concen: 51.62 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	269490		
61	138.3	0.0	273.2	
98	64.9	0.0	127.8	

Manual Integrations
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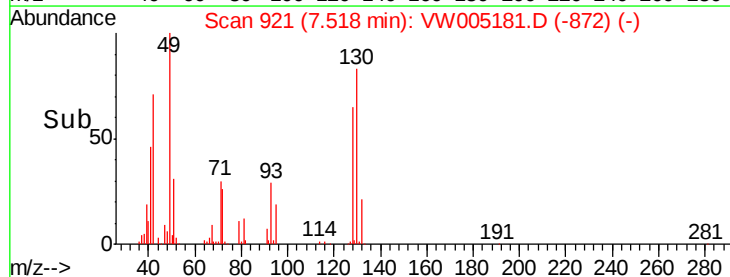
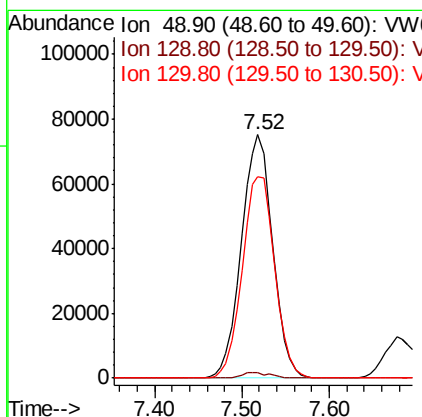
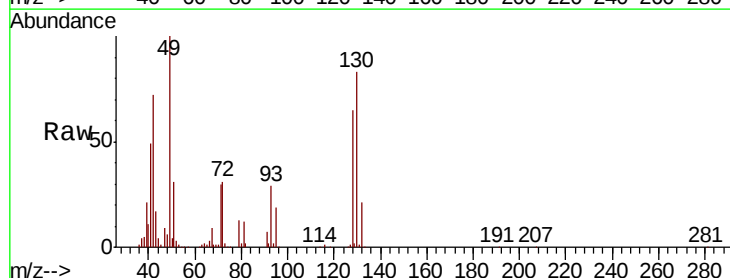
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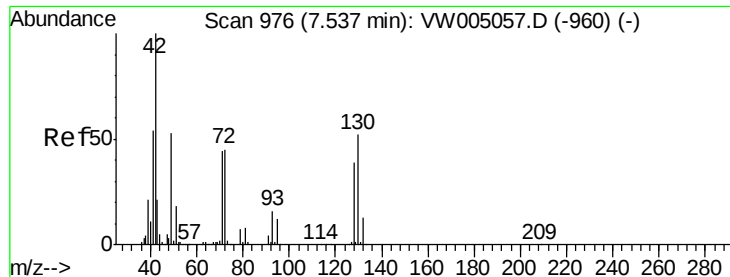


#28

Bromochloromethane
 Concen: 57.68 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	186942		
129	2.0	0.0	4.4	
130	85.6	69.6	104.4	





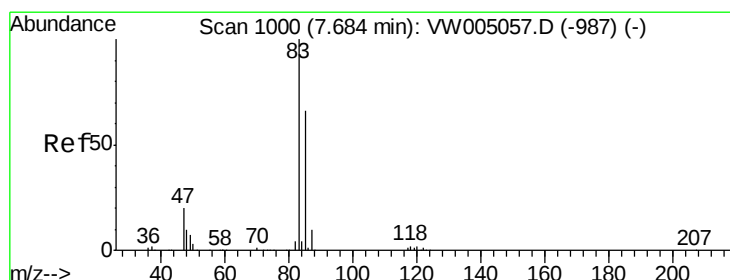
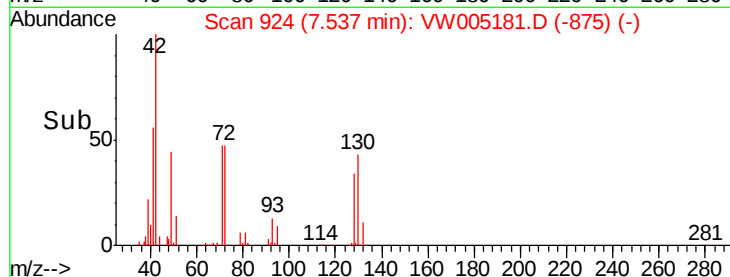
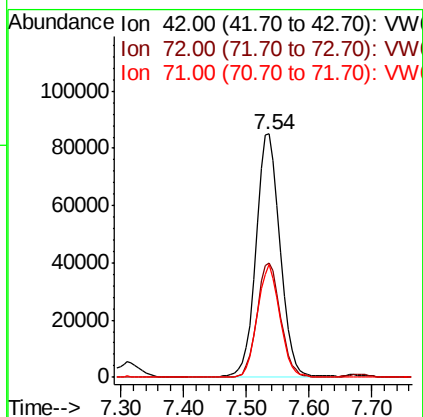
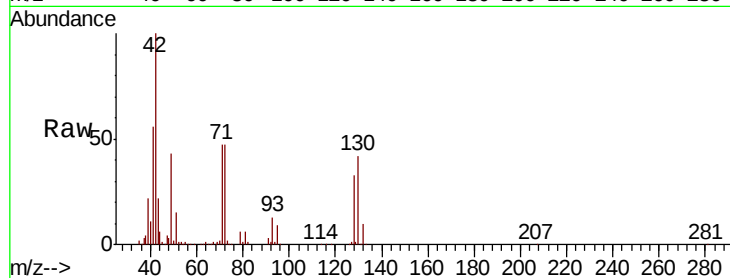
#29
Tetrahydrofuran
Concen: 316.08 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.0	55.4
71	43.4	35.0	52.6

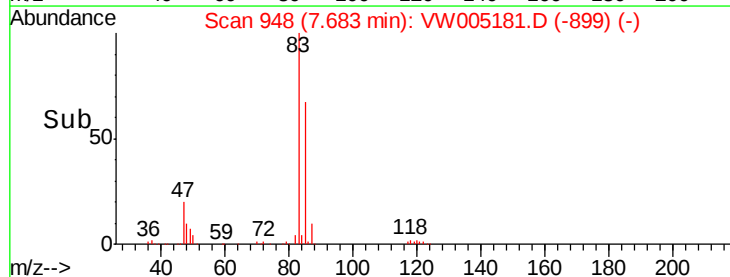
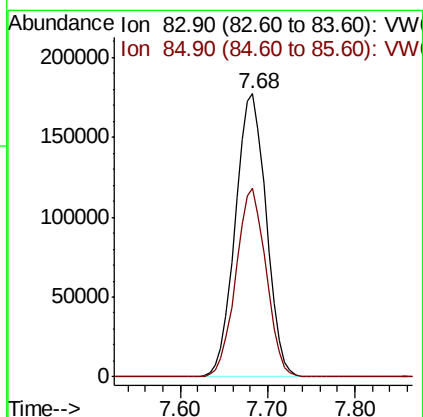
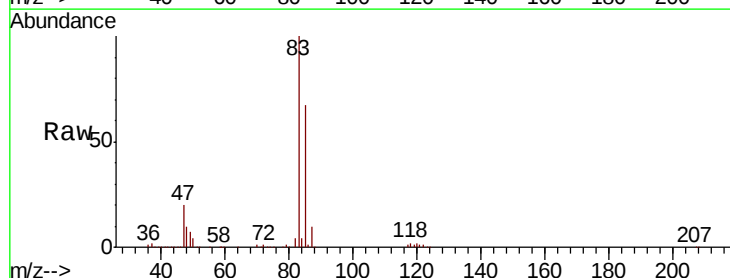
Manual Integrations
APPROVED

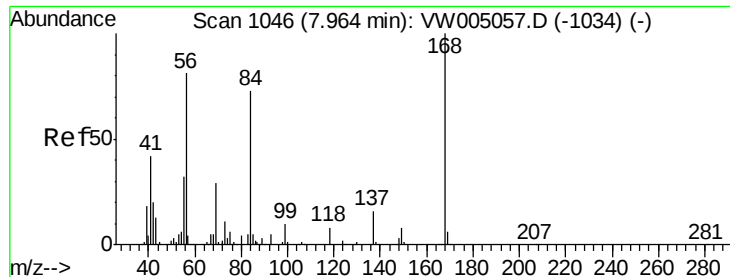
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#30
Chloroform
Concen: 52.92 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.1	79.7





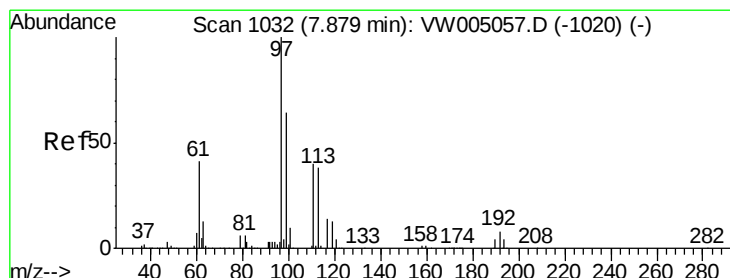
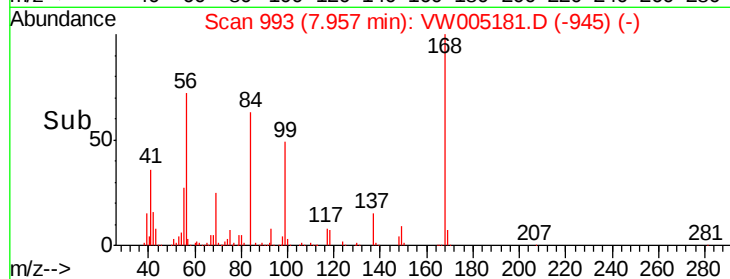
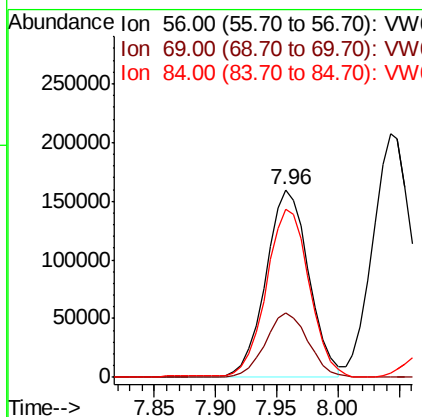
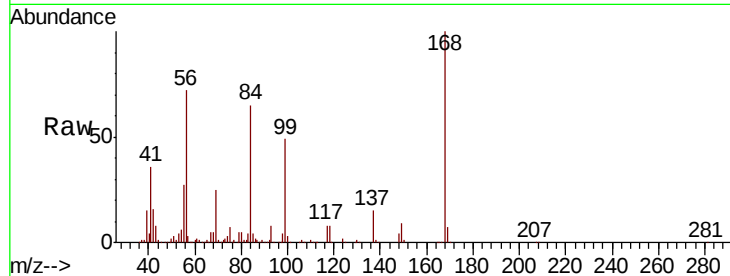
#31
Cyclohexane
Concen: 49.55 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	28.2	42.2
84	88.5	71.8	107.8

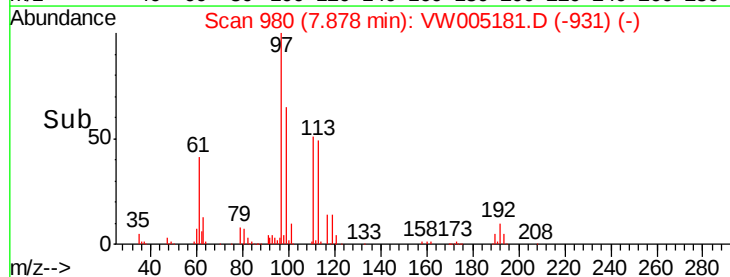
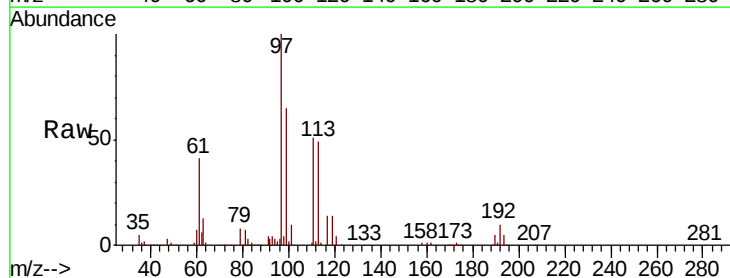
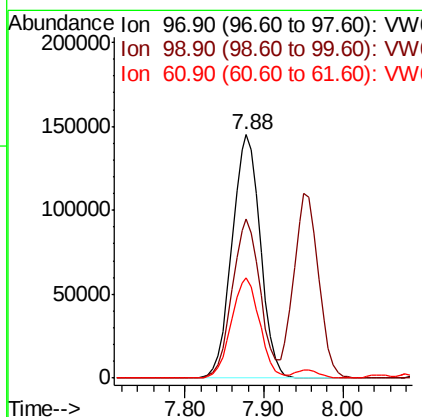
Manual Integrations
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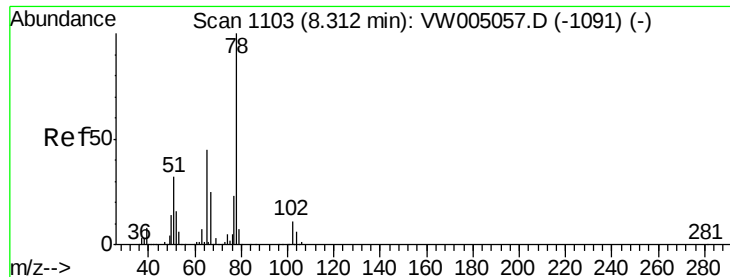
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#32
1,1,1-Trichloroethane
Concen: 50.48 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	41.2	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 55.34 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 222207

Ion Ratio Lower Upper

65 100

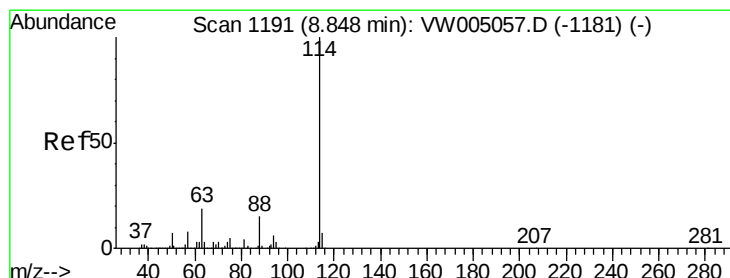
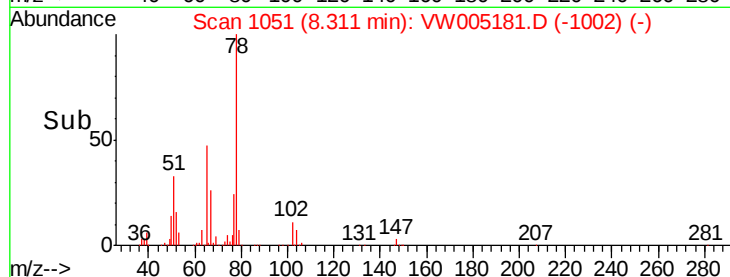
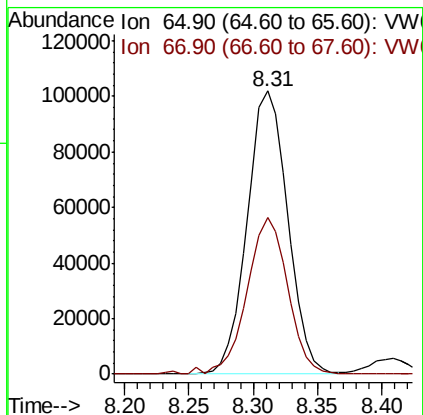
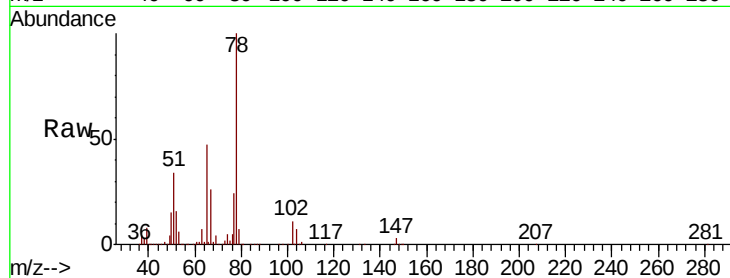
67 55.5 0.0 109.4

Manual Integrations

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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: VW005181.D

Acq: 06 Sep 2018 23:57

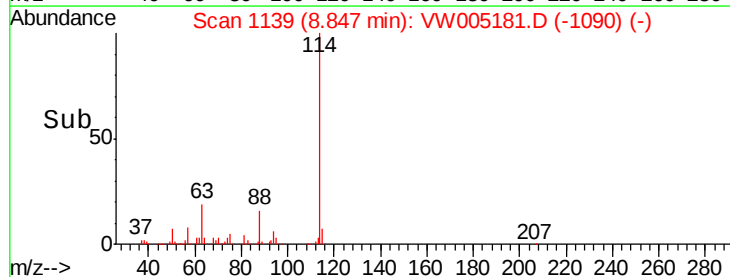
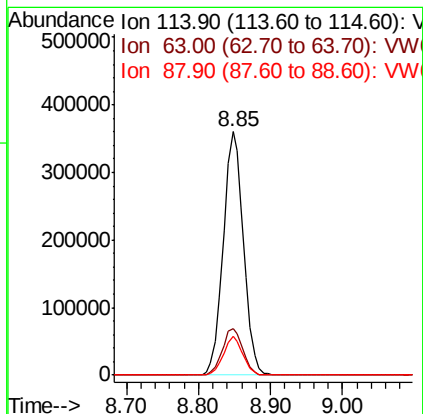
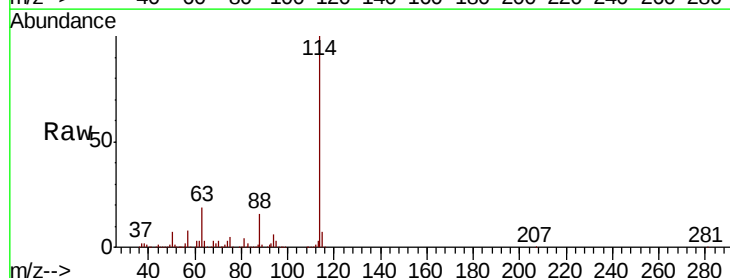
Tgt Ion: 114 Resp: 704446

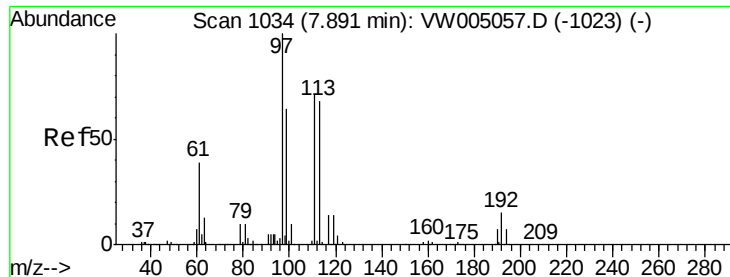
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.12 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

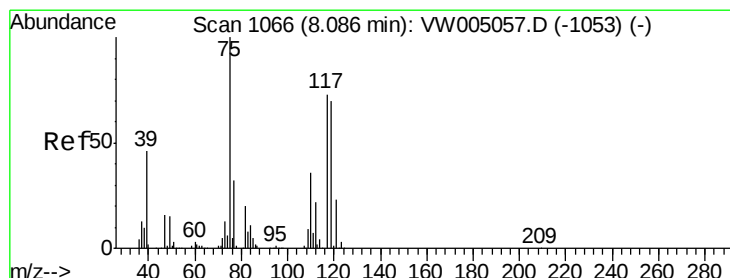
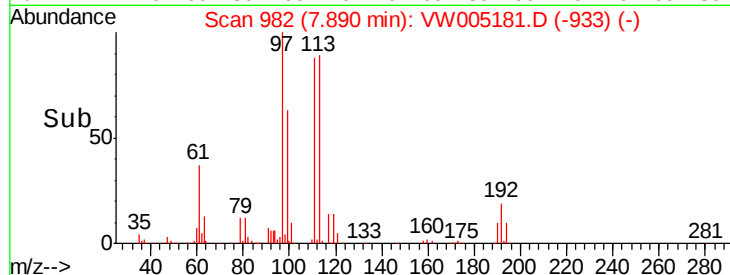
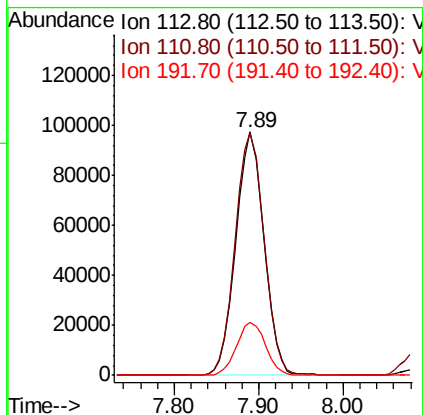
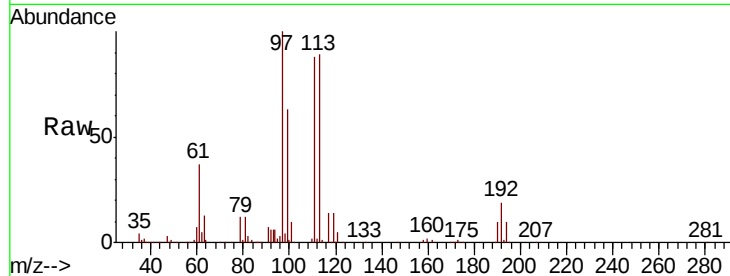
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	220309
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.2	123.2
192	22.2	18.1	27.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.47 ug/l

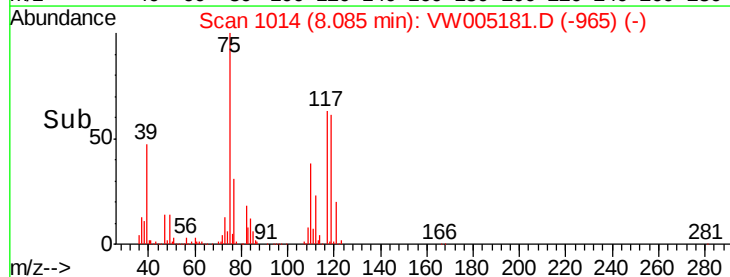
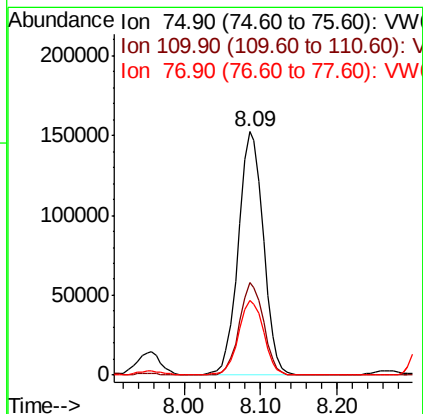
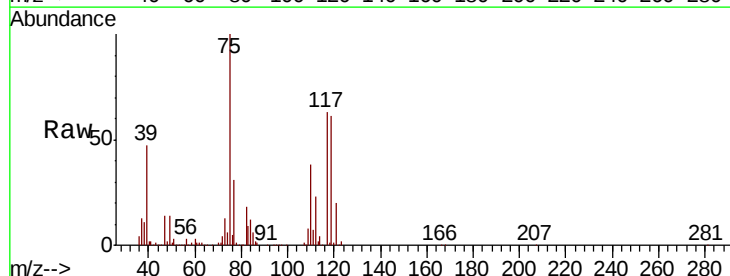
RT: 8.09 min Scan# 1014

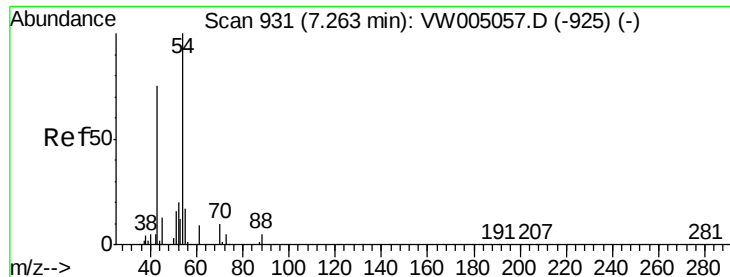
Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion:	75	Resp:	345331
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.9	56.7
77	31.1	25.5	38.3





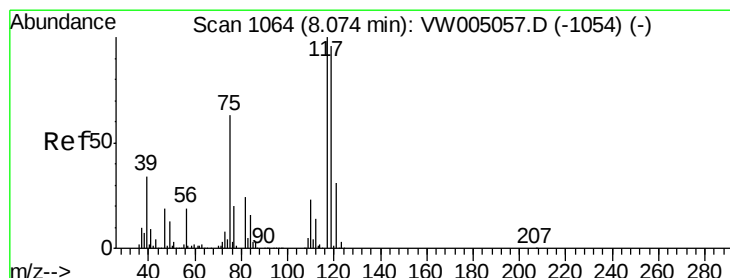
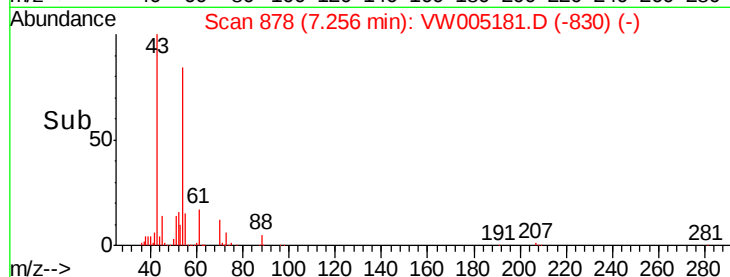
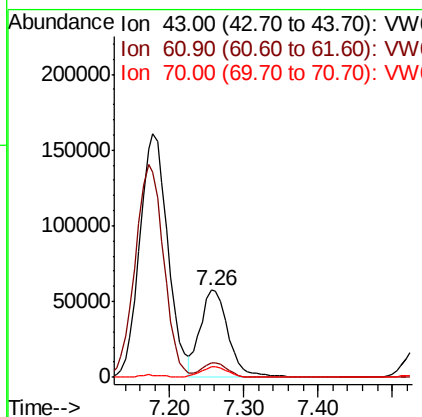
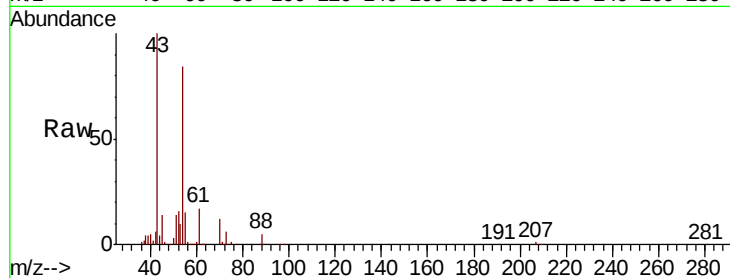
#37
Ethyl Acetate
Concen: 59.43 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	149101
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.6	9.4	14.2

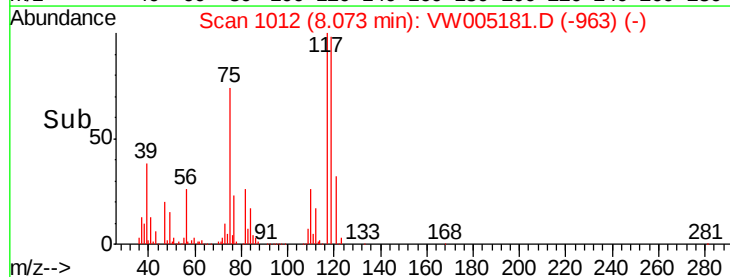
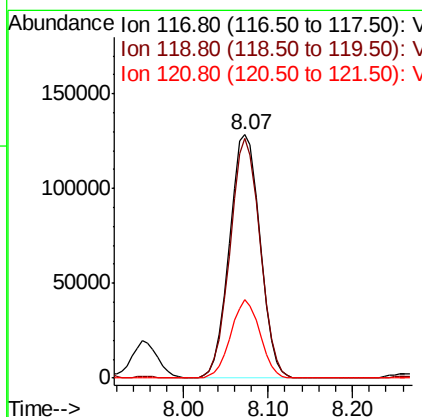
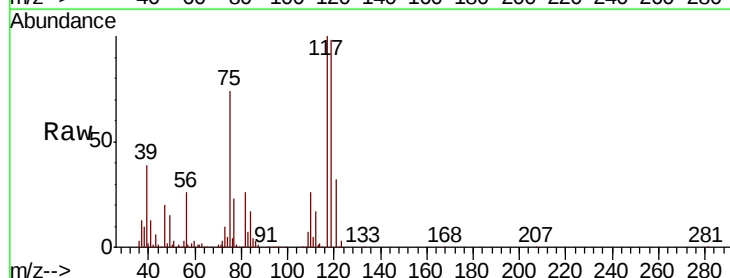
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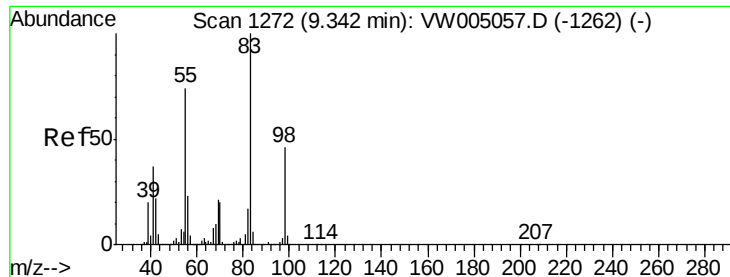
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#38
Carbon Tetrachloride
Concen: 49.58 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	117	Resp	316274
Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.6	115.0
121	32.4	24.8	37.2





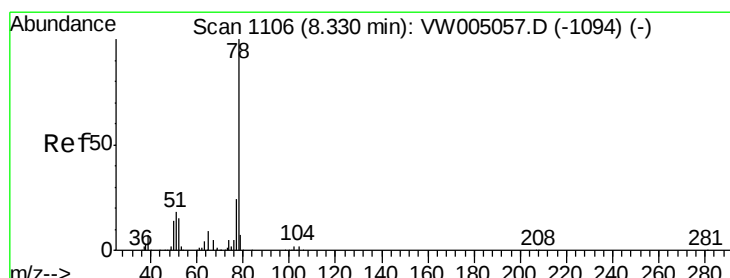
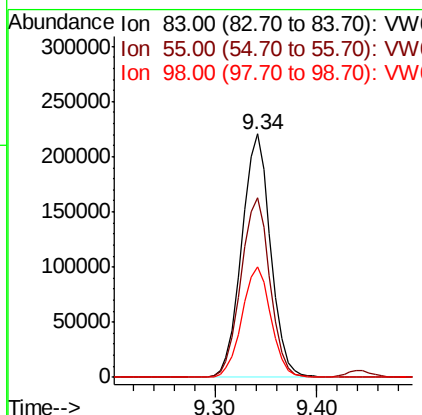
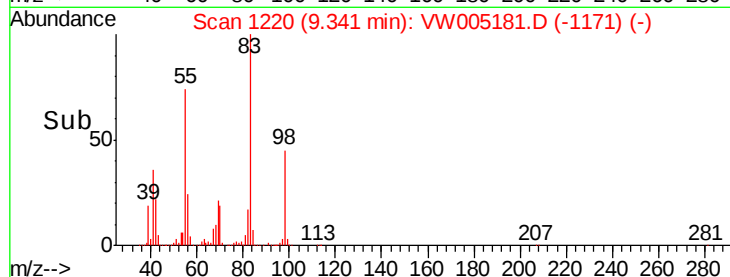
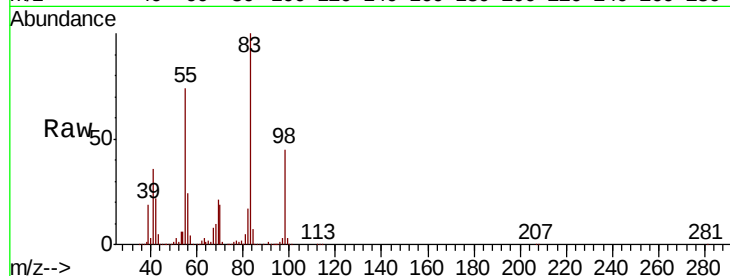
#39
Methvlcvclohexane
Concen: 53.42 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.9	88.3
98	45.4	36.8	55.2

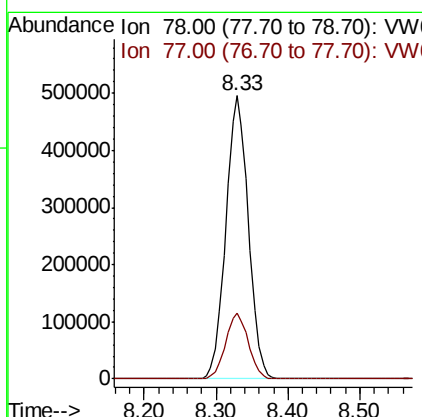
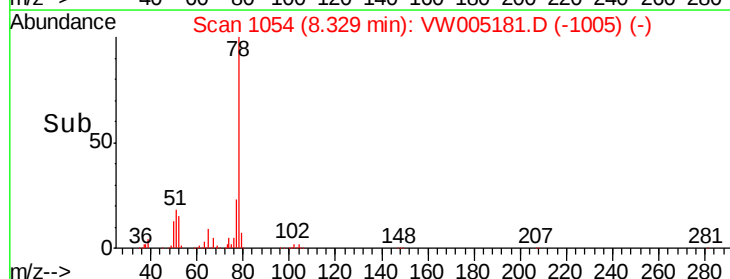
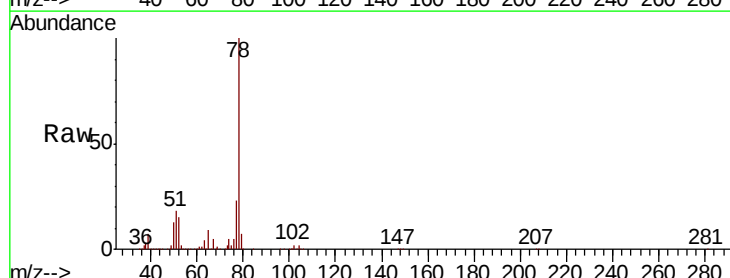
Manual Integrations
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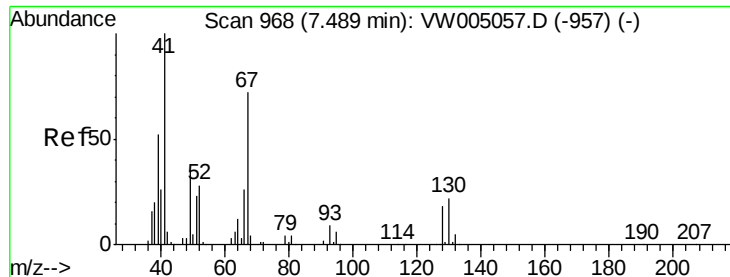
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#40
Benzene
Concen: 52.35 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0





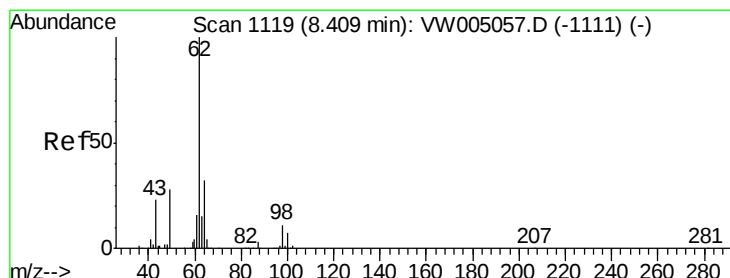
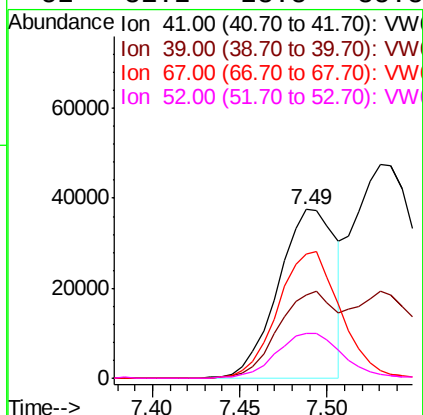
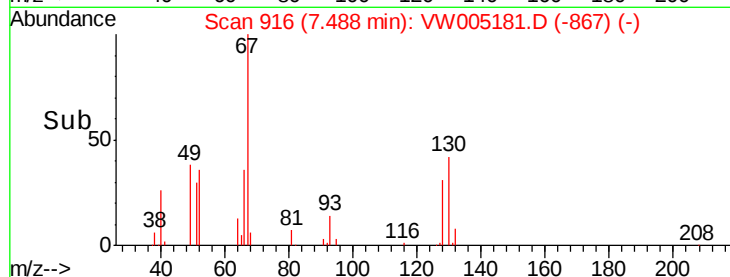
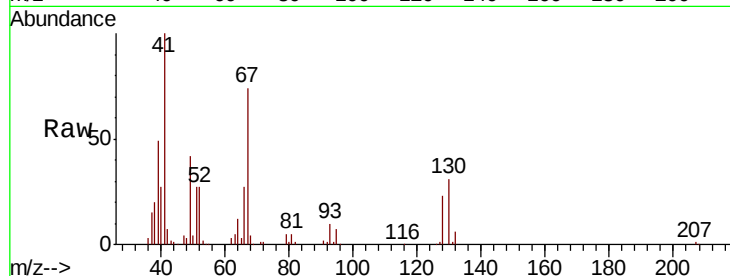
#41
Methacrylonitrile
Concen: 59.49 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.4	41.8	62.8
67	81.6	60.4	90.6
52	31.2	23.8	35.8

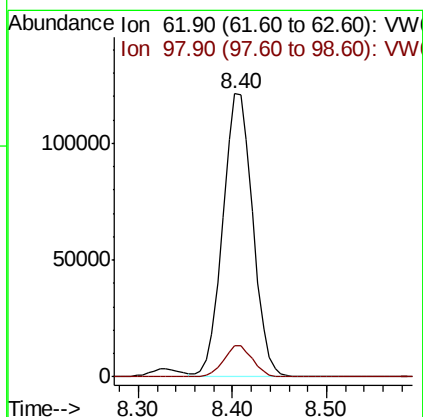
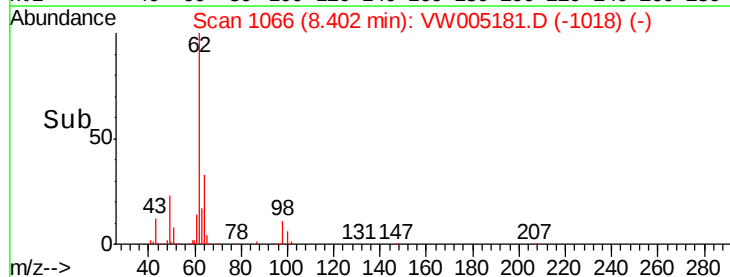
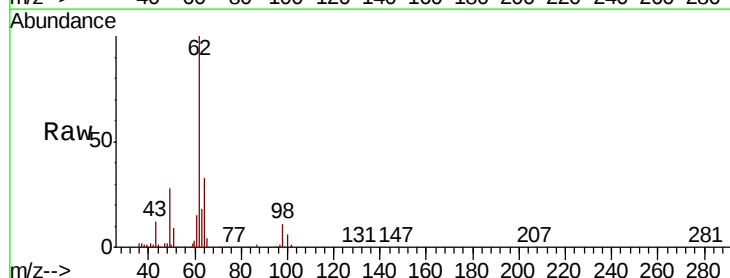
Manual Integrations
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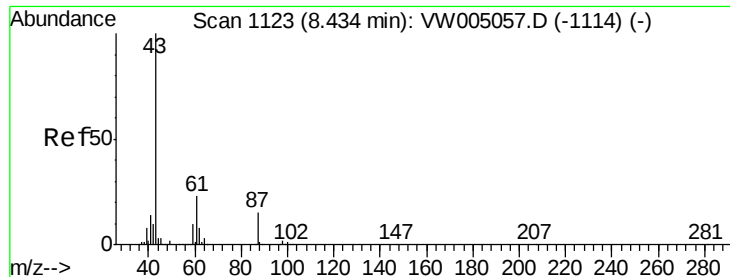
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#42
1,2-Dichloroethane
Concen: 53.01 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.8





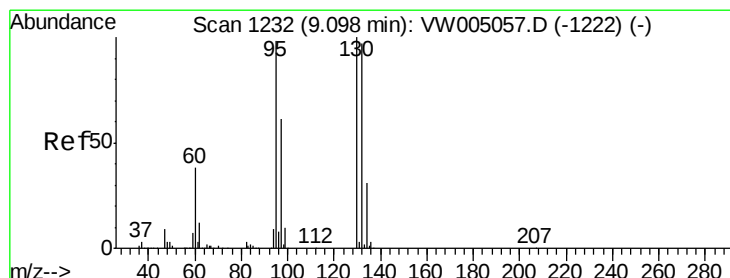
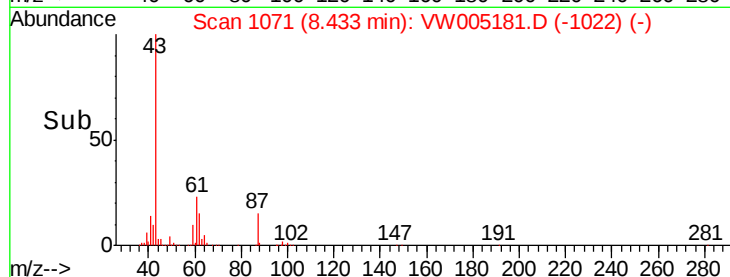
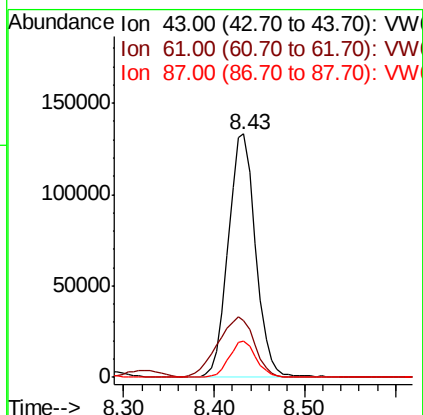
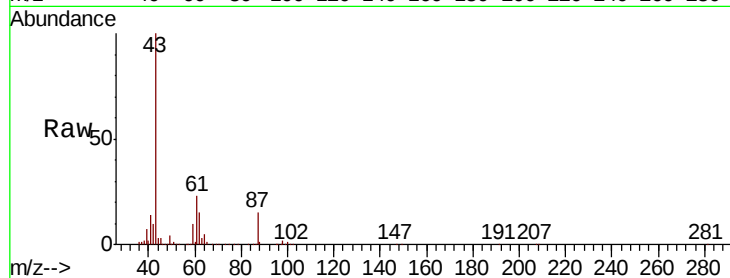
#43
Isopropyl Acetate
Concen: 60.67 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.3	26.8	40.2
87	14.7	11.6	17.4

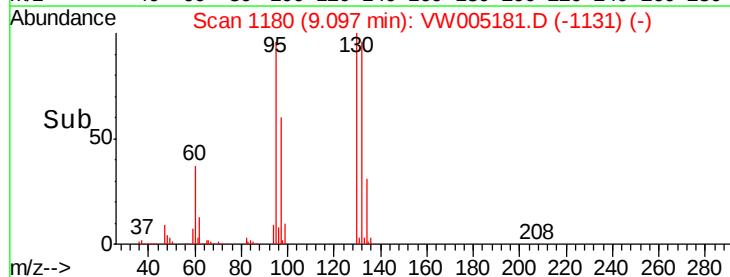
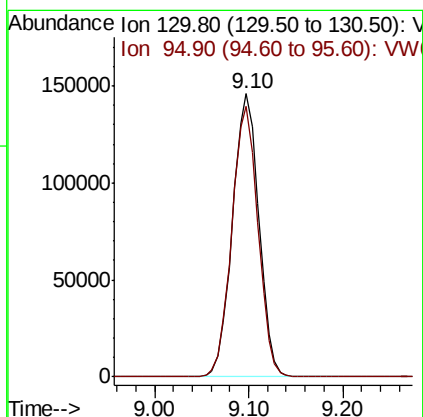
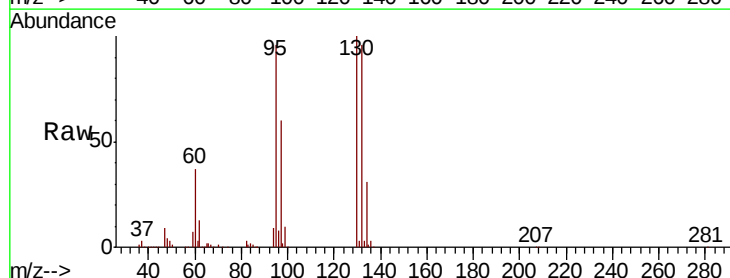
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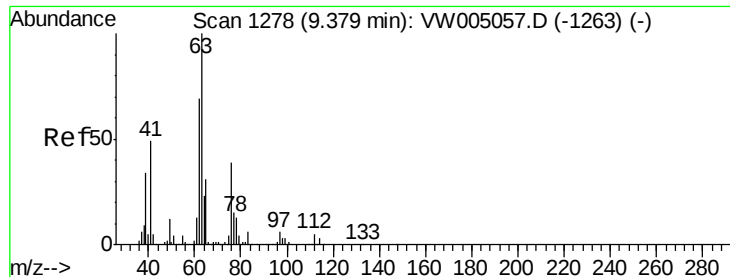
apatel
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#44
Trichloroethene
Concen: 51.27 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	195.2





#45

1,2-Dichloropropane

Concen: 53.54 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 268616

Ion Ratio Lower Upper

63 100

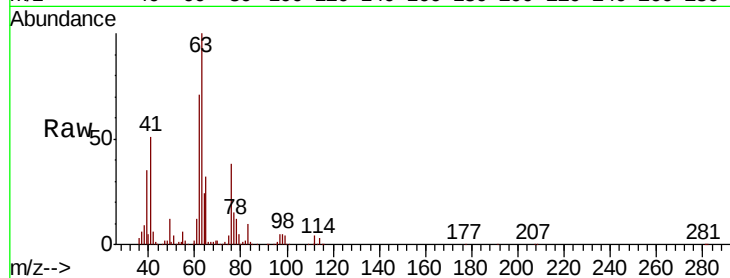
65 31.8 24.6 37.0

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

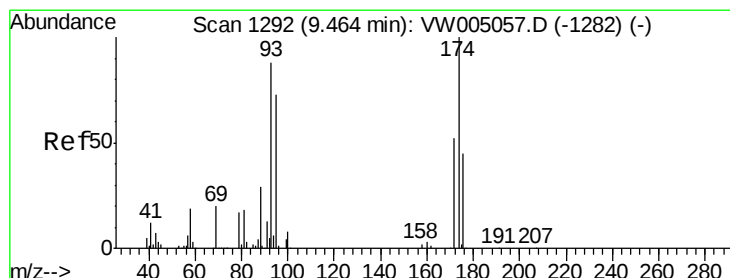
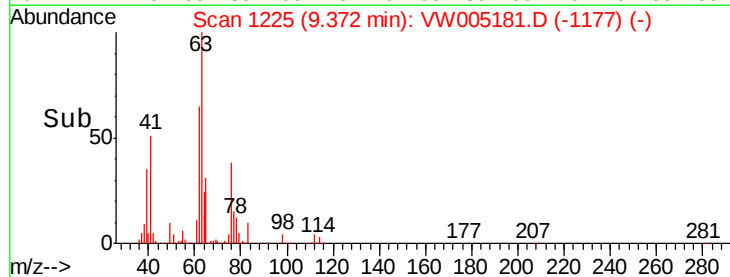
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 54.52 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

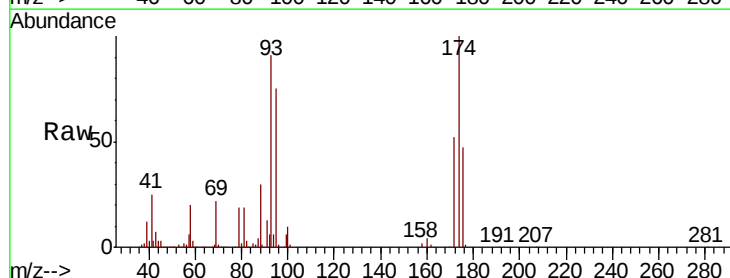
Tgt Ion: 93 Resp: 130803

Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 111.3 92.0 138.0



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

100000

80000

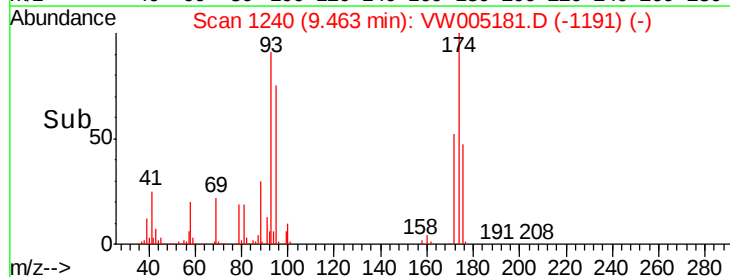
60000

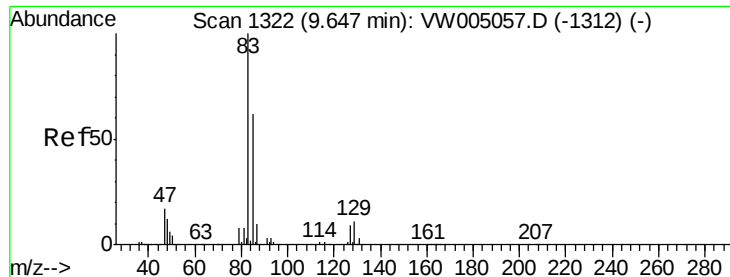
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 53.65 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

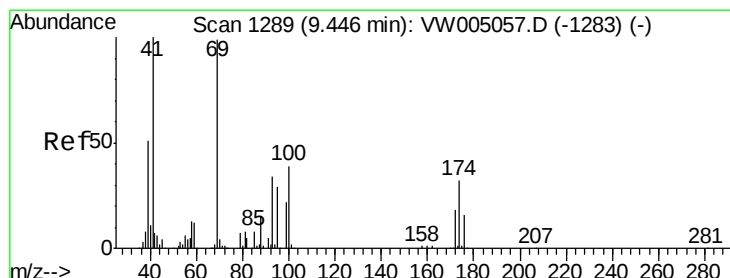
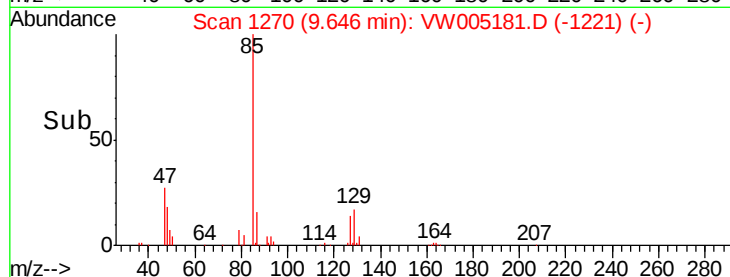
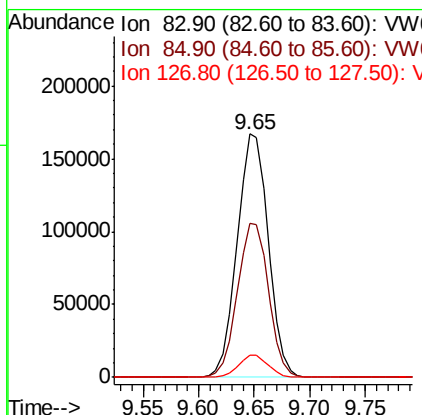
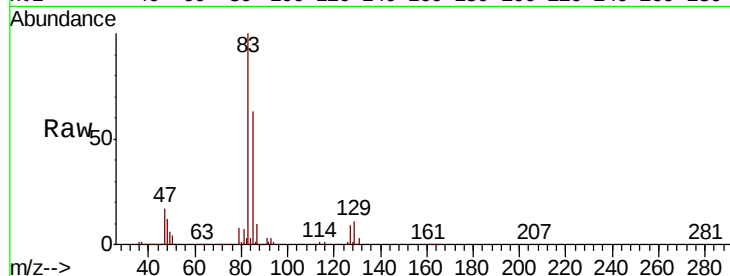
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	324080
Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.8	74.6
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 65.15 ug/l

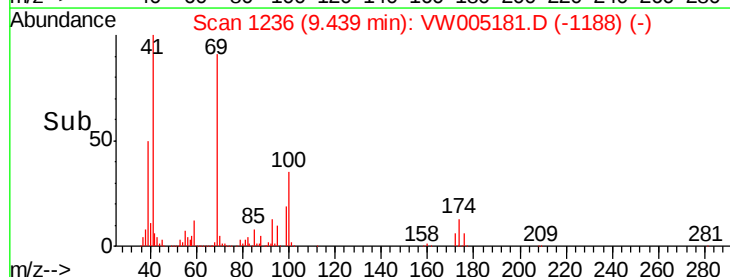
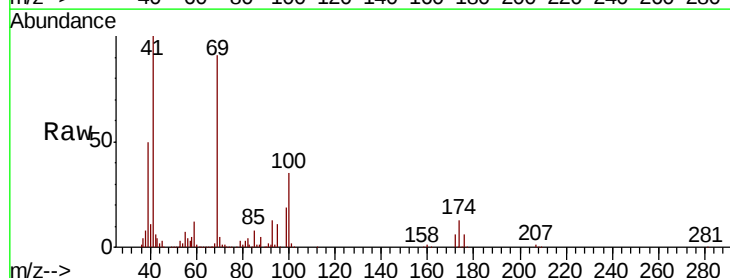
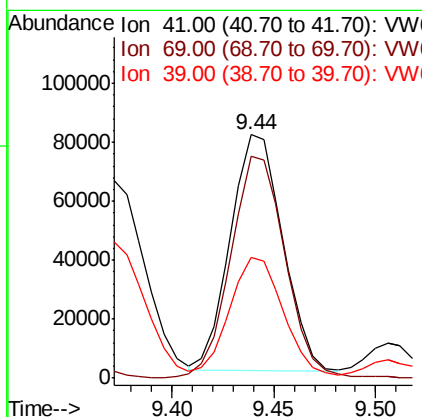
RT: 9.44 min Scan# 1236

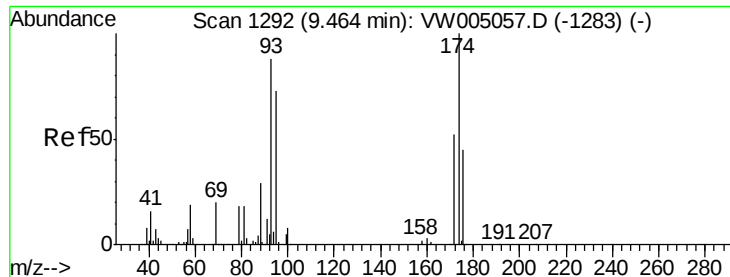
Delta R.T. -0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion:	41	Resp:	143234
Ion	Ratio	Lower	Upper
41	100		
69	97.5	80.4	120.6
39	52.7	43.5	65.3





#49

1,4-Dioxane

Concen: 1199.29 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

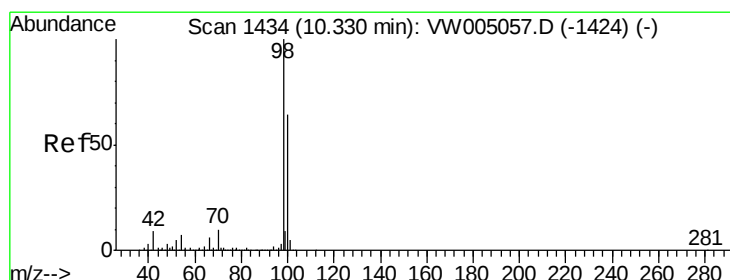
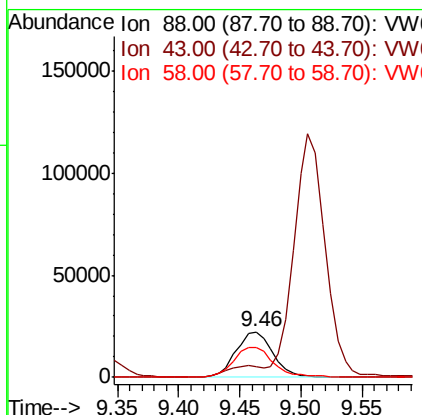
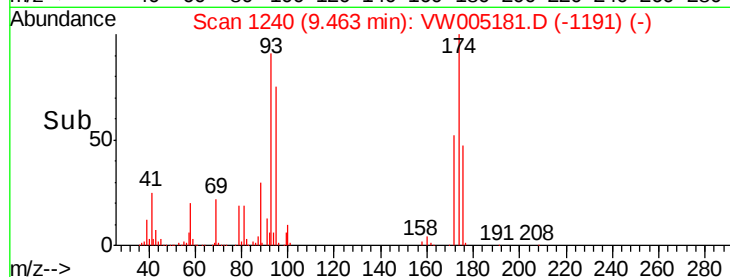
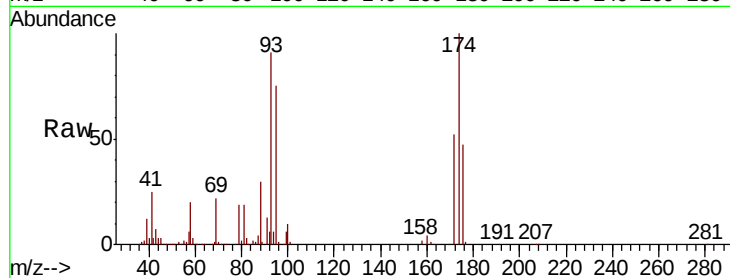
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	46532
Ion	Ratio	Lower	Upper
88	100		
43	24.6	19.8	29.6
58	73.2	57.1	85.7

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#50

Toluene-d8

Concen: 55.28 ug/l

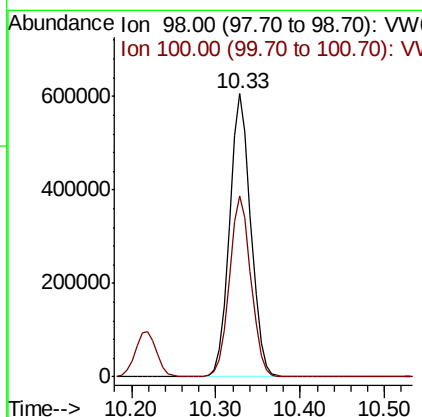
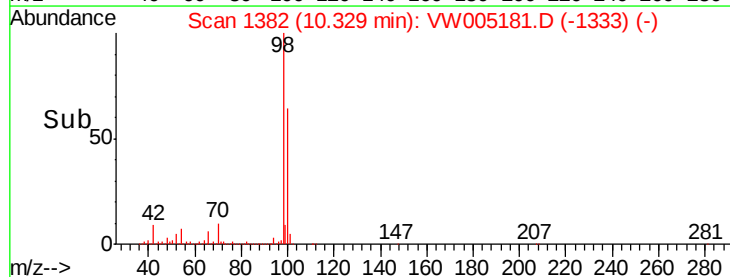
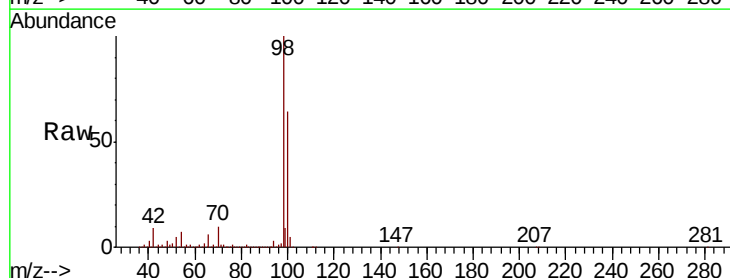
RT: 10.33 min Scan# 1382

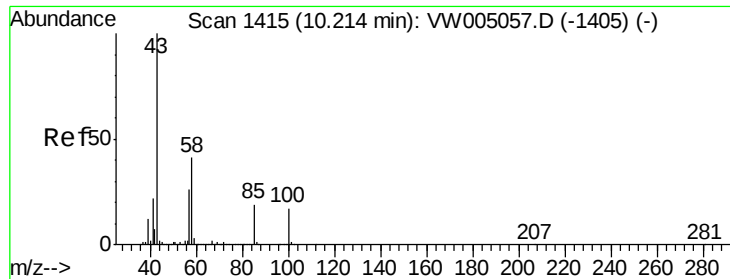
Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion:	98	Resp:	1037008
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 331.65 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1014816

Ion Ratio Lower Upper

43 100

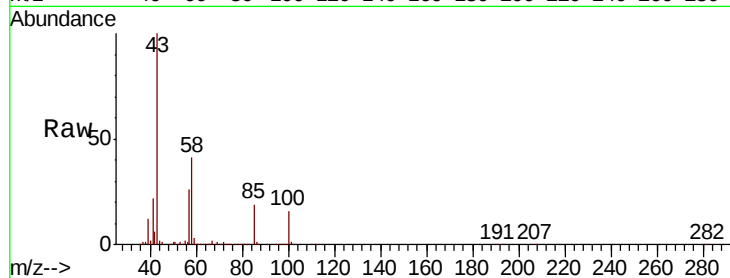
58 41.9 33.3 49.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600000

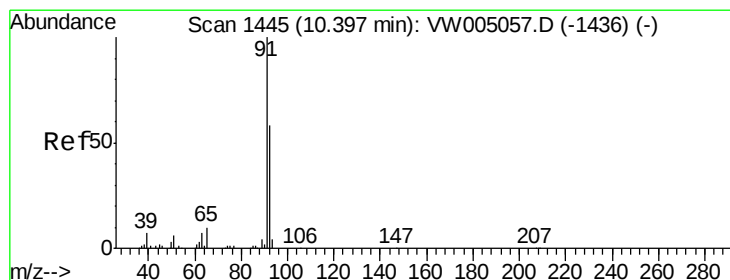
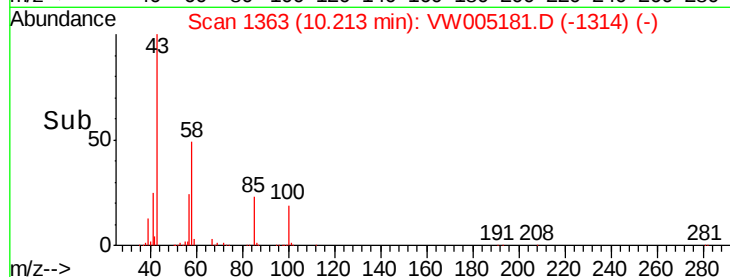
400000

200000

0

10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 53.42 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005181.D

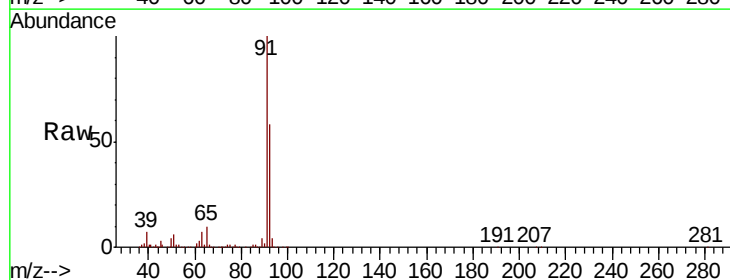
Acq: 06 Sep 2018 23:57

Tgt Ion: 92 Resp: 743391

Ion Ratio Lower Upper

92 100

91 172.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

800000

600000

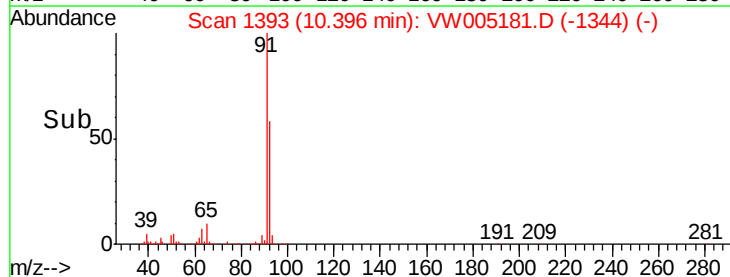
400000

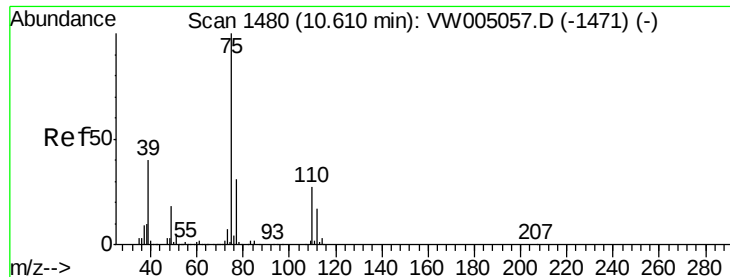
200000

0

10.30 10.40 10.50

Time-->





#53

t-1,3-Dichloropropene

Concen: 56.25 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 333897

Ion Ratio Lower Upper

75 100

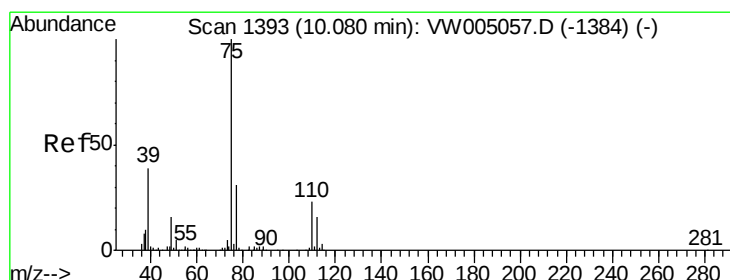
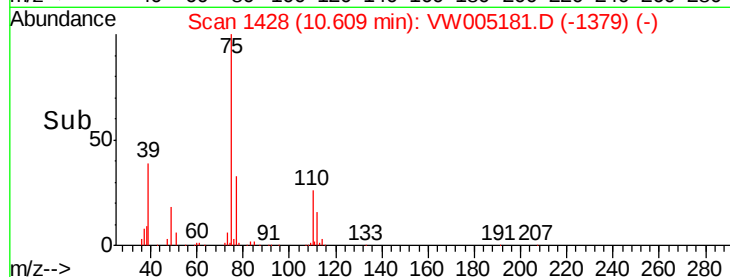
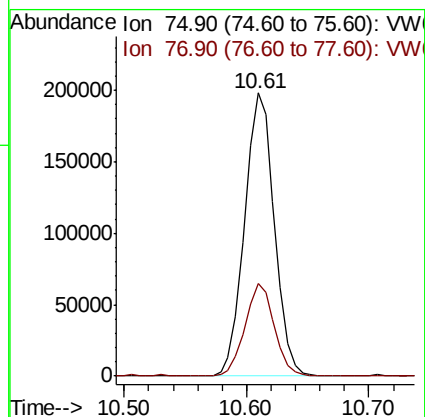
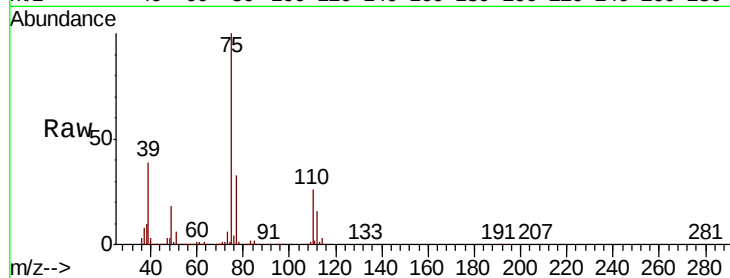
77 32.4 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 55.25 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

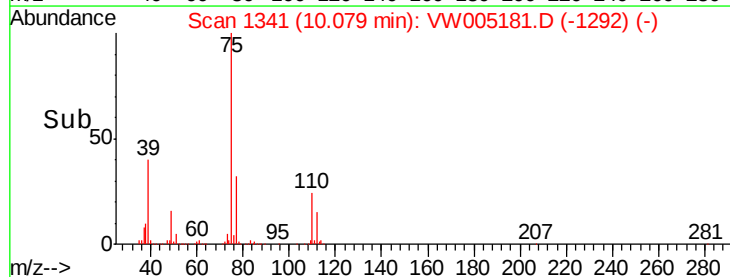
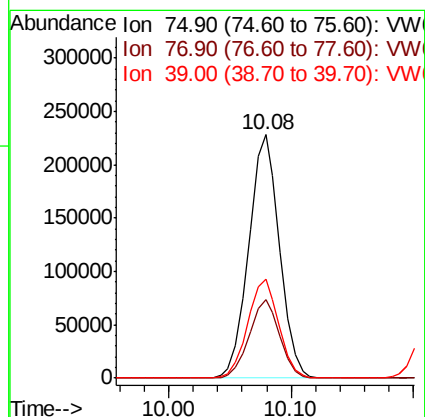
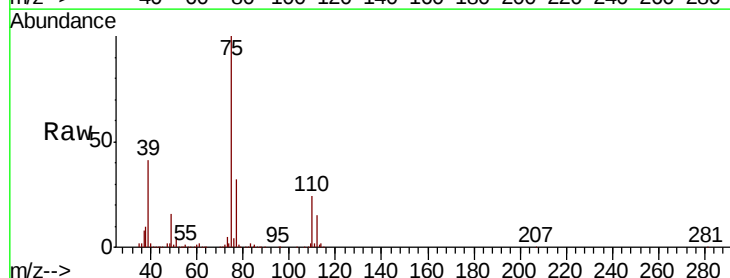
Tgt Ion: 75 Resp: 398892

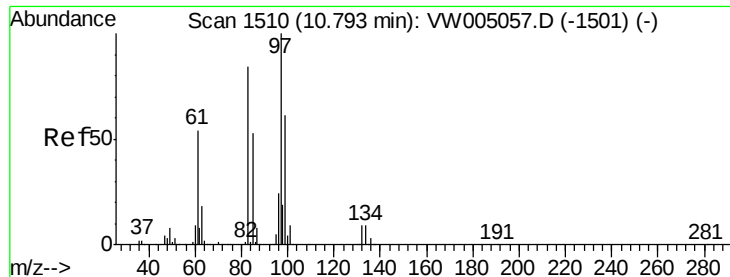
Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3

39 40.4 31.0 46.6





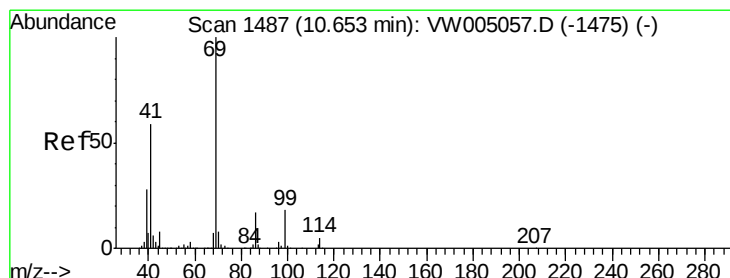
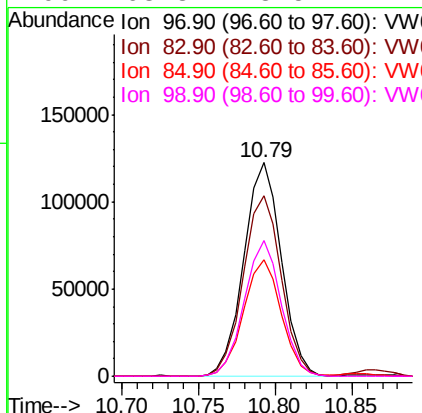
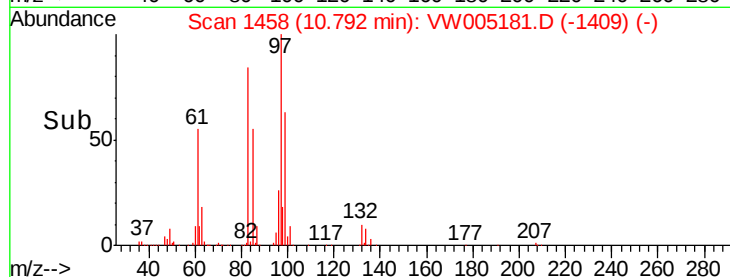
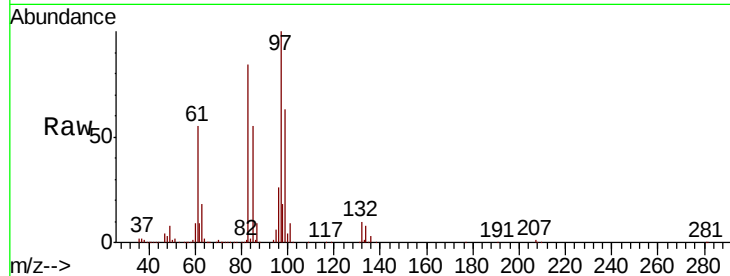
#55
 1,1,2-Trichloroethane
 Concen: 56.40 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	209524
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.0	100.6
85	54.8	42.3	63.5
99	63.3	48.5	72.7

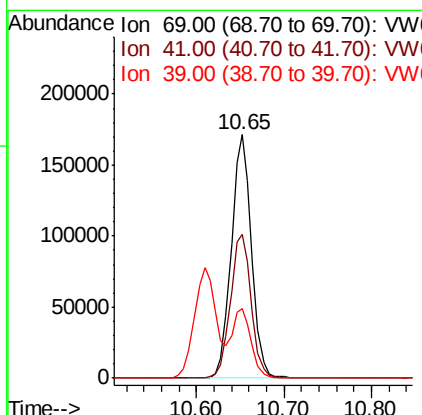
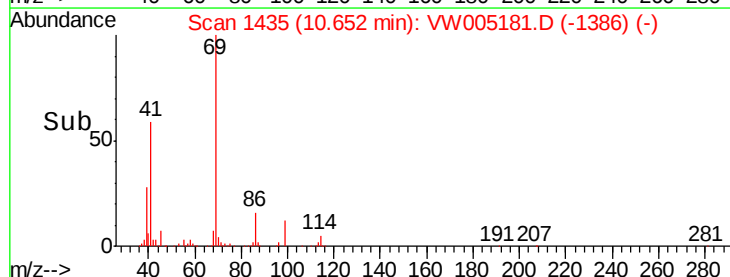
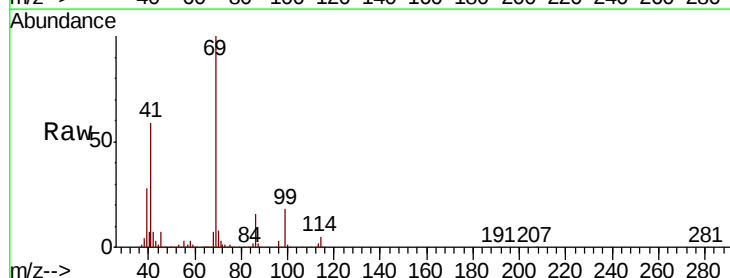
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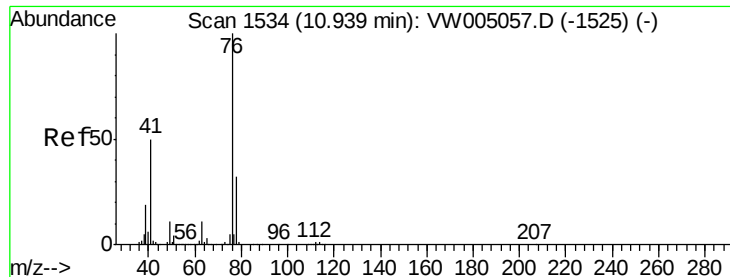
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#56
 Ethyl methacrylate
 Concen: 65.03 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Tgt Ion	69	Resp	275613
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.8	71.6
39	26.1	21.1	31.7





#57

1,3-Dichloropropane

Concen: 57.19 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 349754

Ion Ratio Lower Upper

76 100

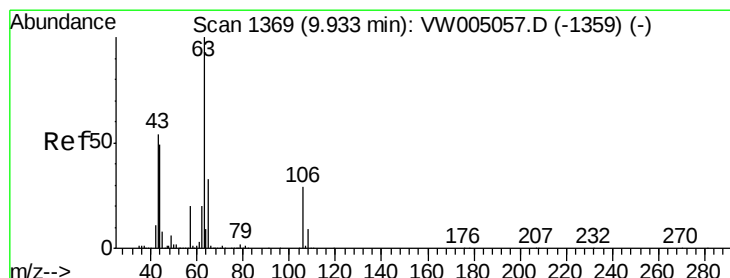
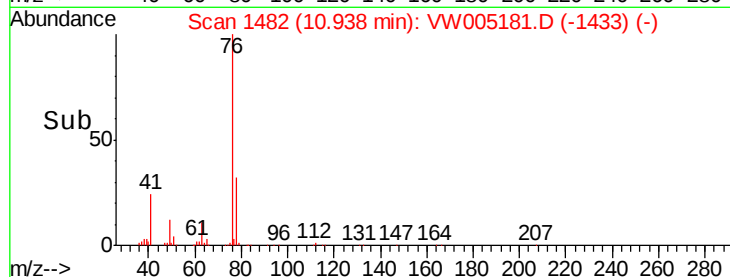
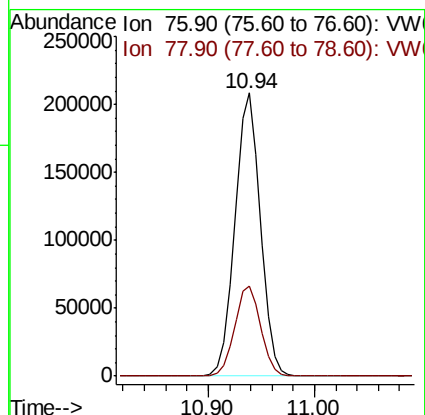
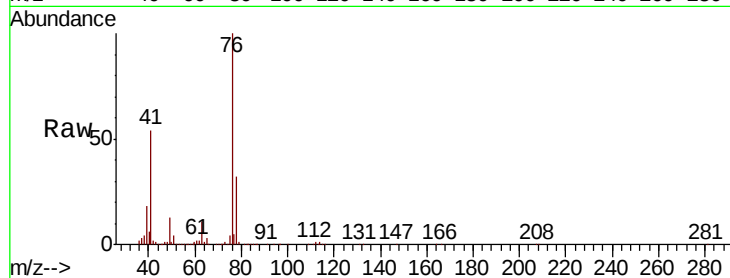
78 32.6 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 343.29 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005181.D

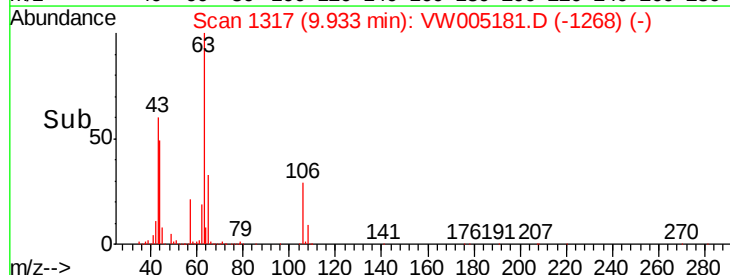
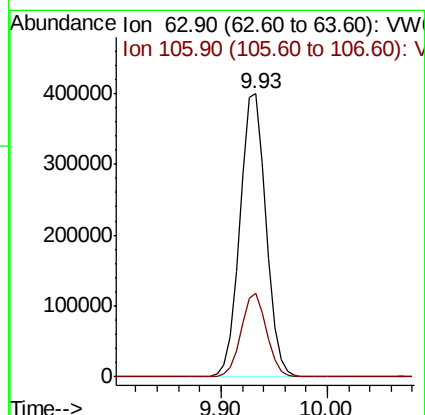
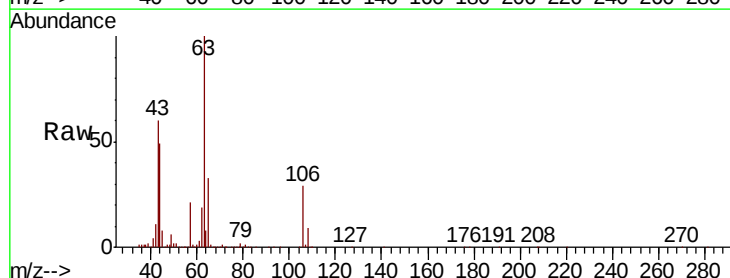
Acq: 06 Sep 2018 23:57

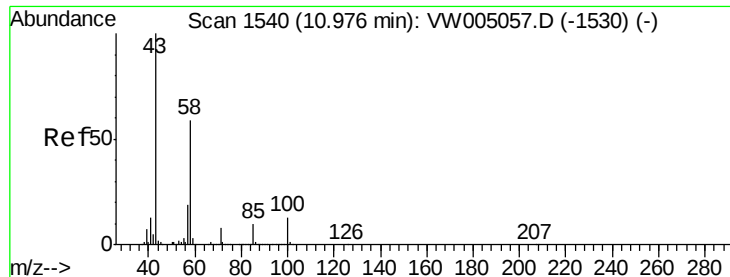
Tgt Ion: 63 Resp: 689389

Ion Ratio Lower Upper

63 100

106 28.6 23.1 34.7





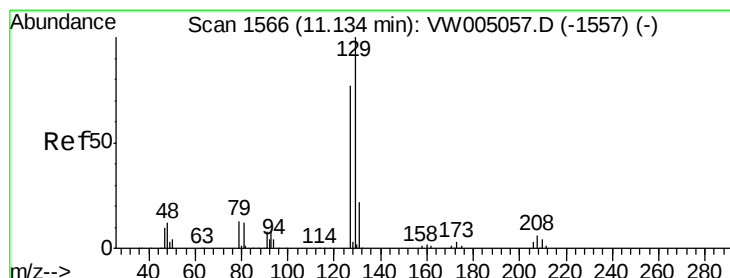
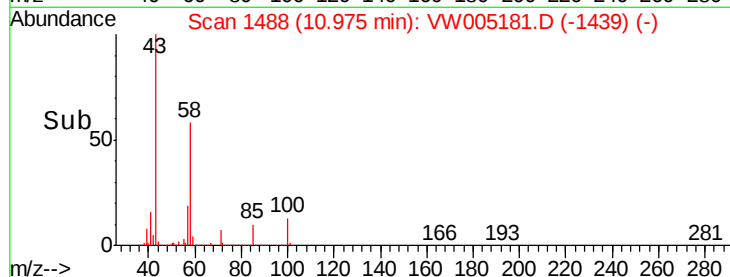
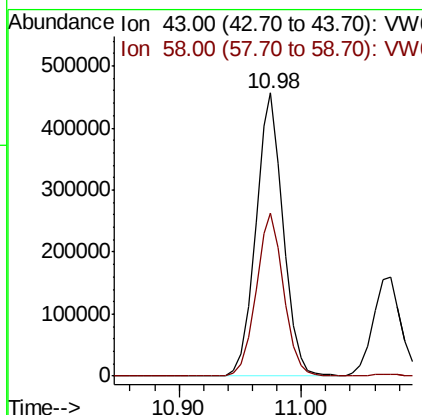
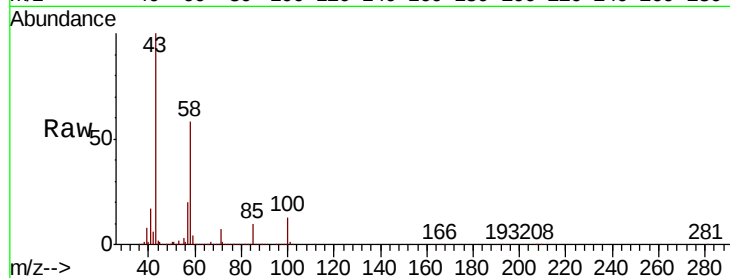
#59
2-Hexanone
Concen: 342.36 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 708552
Ion Ratio Lower Upper
43 100
58 57.9 28.7 86.3

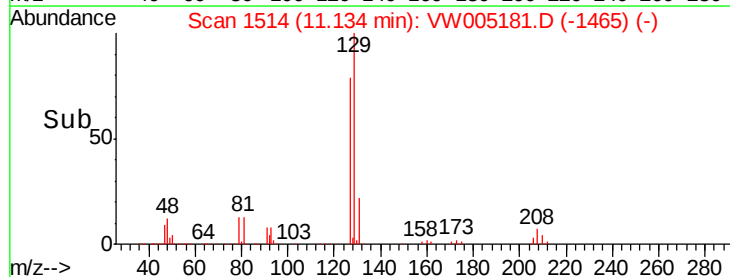
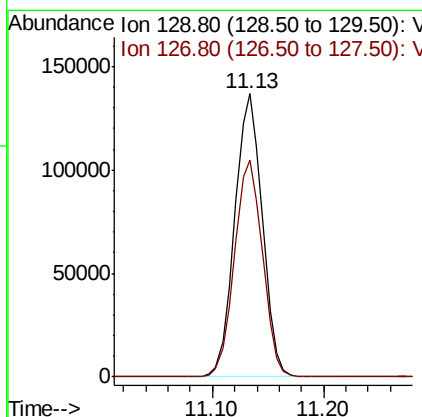
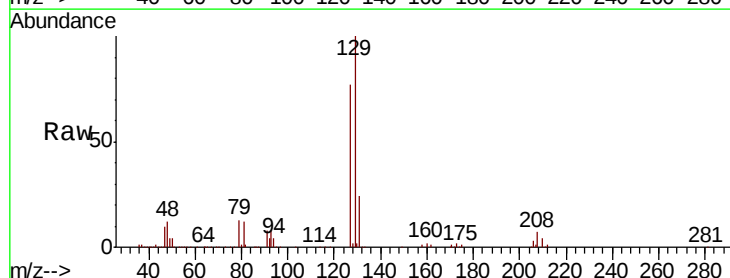
Manual Integrations
APPROVED

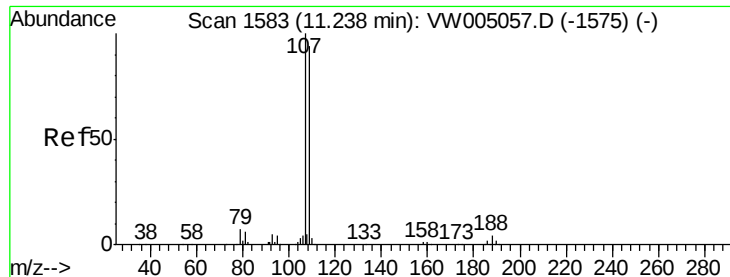
apatel
9/7/2018 12:35:33 PM



#60
Dibromochloromethane
Concen: 55.80 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion: 129 Resp: 234350
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 57.17 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 191719

Ion Ratio Lower Upper

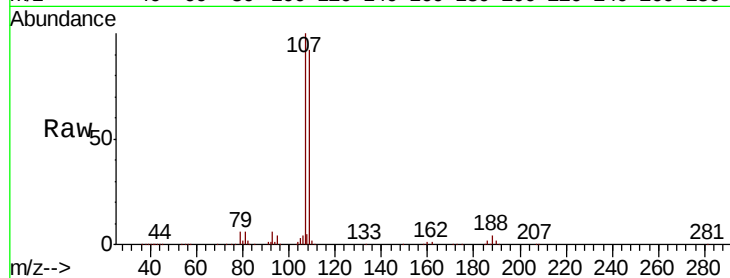
107 100

109 94.5 75.9 113.9

Manual Integrations
APPROVED

apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

120000

100000

80000

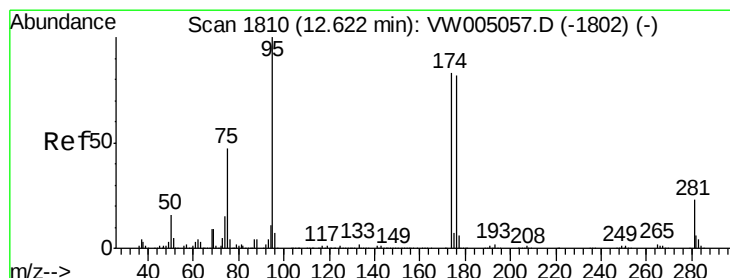
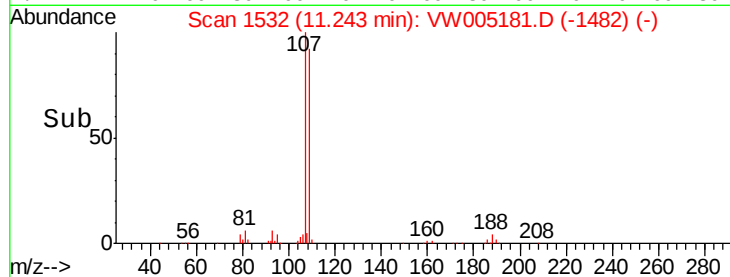
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.36 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

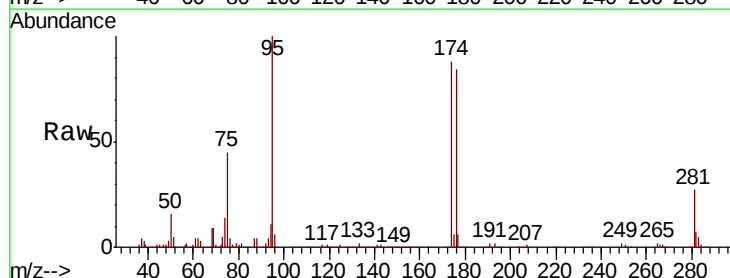
Tgt Ion: 95 Resp: 379397

Ion Ratio Lower Upper

95 100

174 86.1 0.0 173.4

176 82.6 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

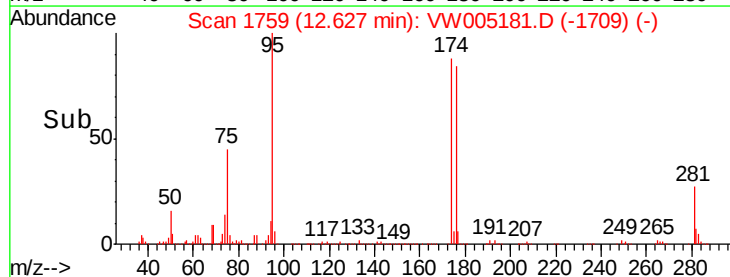
150000

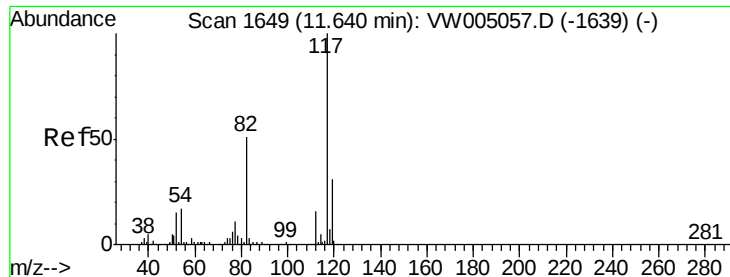
100000

50000

0

Time-->





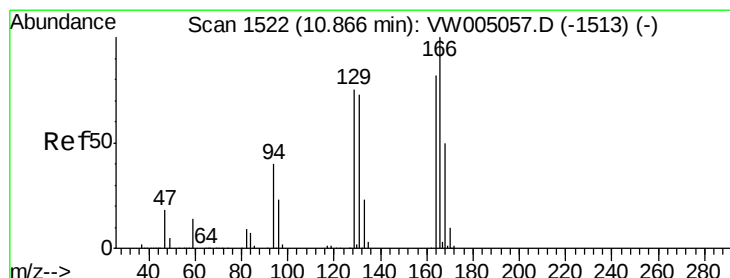
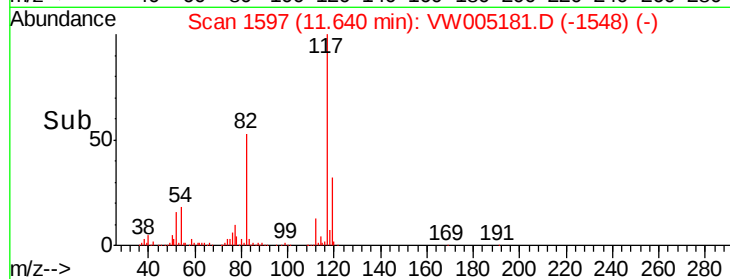
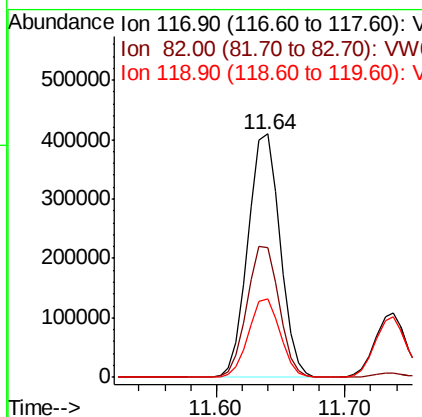
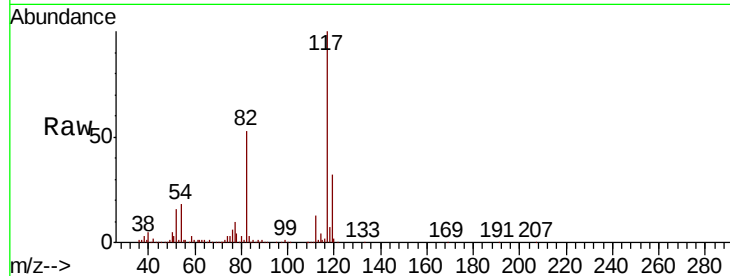
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.9	61.3
119	32.1	24.9	37.3

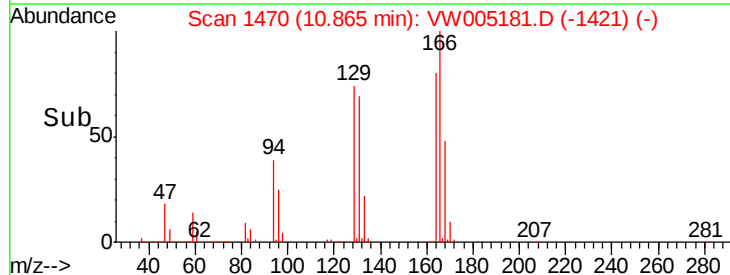
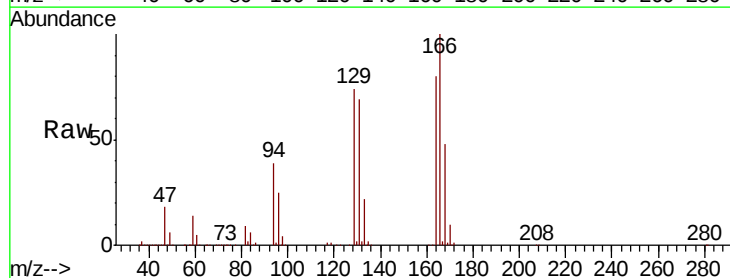
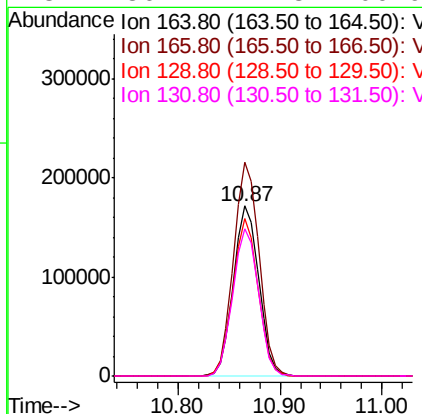
Manual Integrations
APPROVED

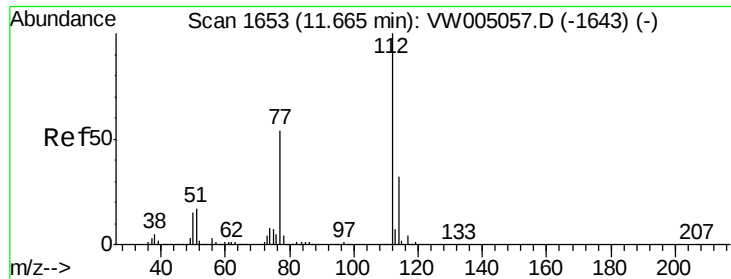
apatel
9/7/2018 12:35:33 PM



#64
Tetrachloroethene
Concen: 53.29 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	97.3	145.9
129	92.4	73.1	109.7
131	86.4	71.3	106.9





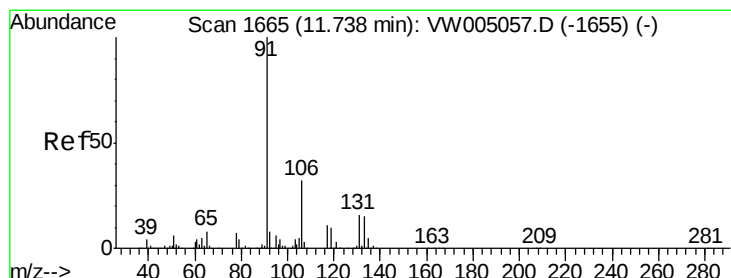
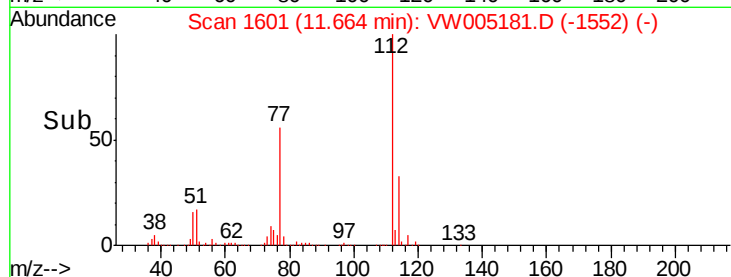
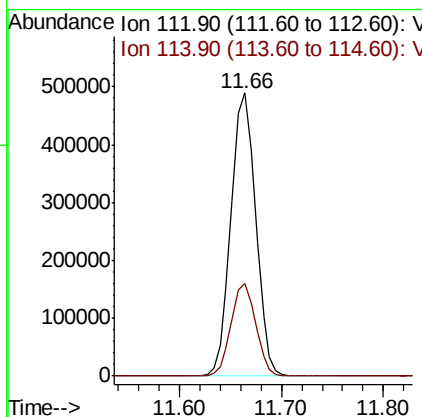
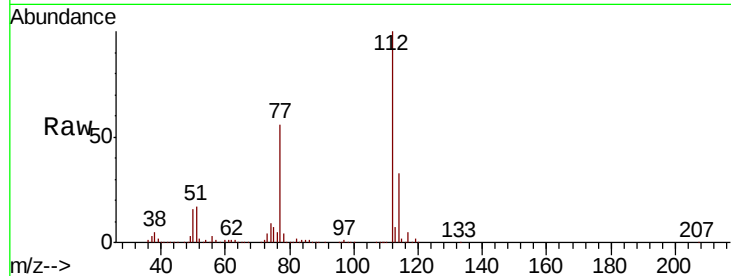
#65
Chlorobenzene
Concen: 51.84 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	821326		
114	32.7	26.0	39.0	

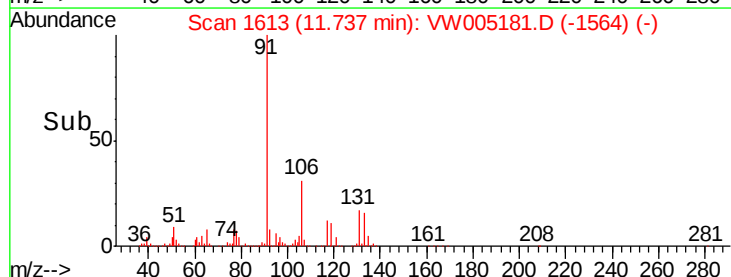
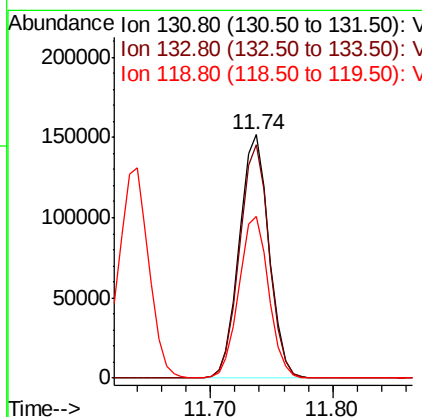
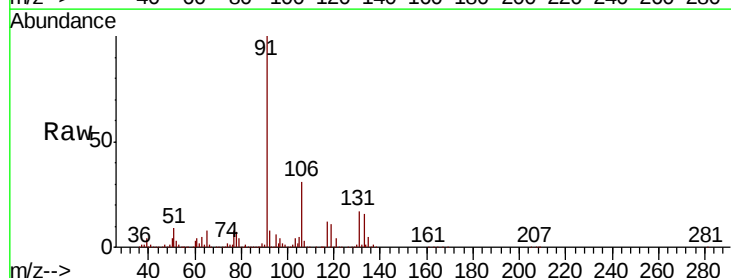
Manual Integrations
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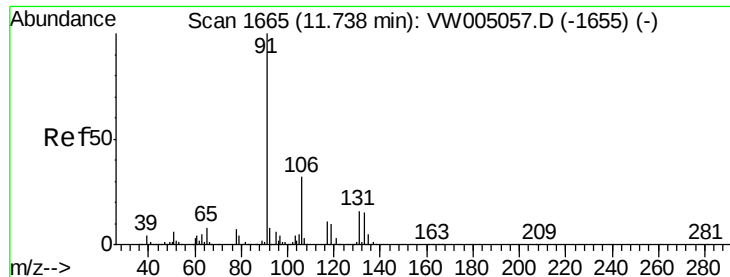
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.69 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	255053		
133	95.7	47.4	142.3	
119	66.9	33.4	100.1	





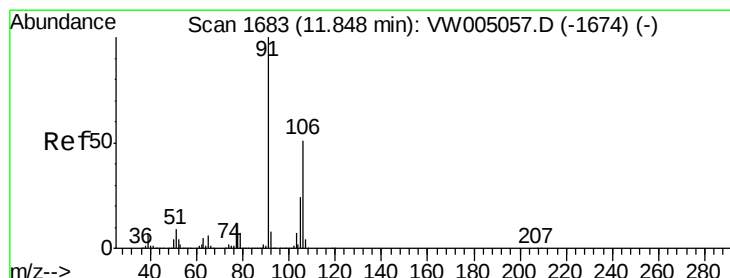
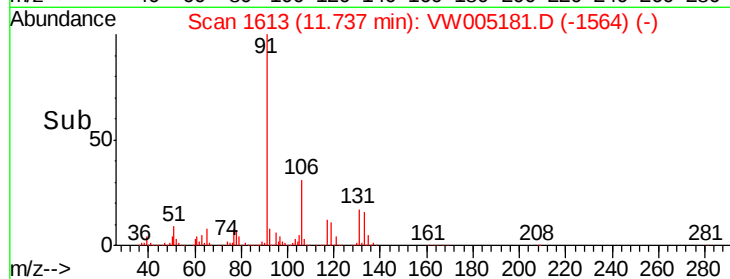
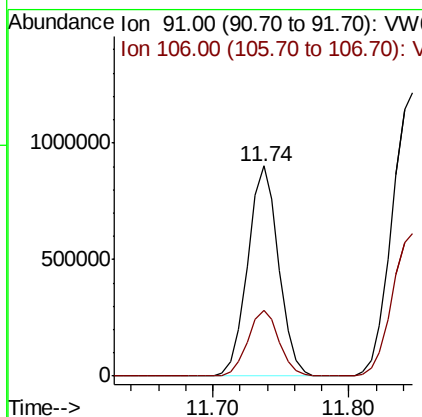
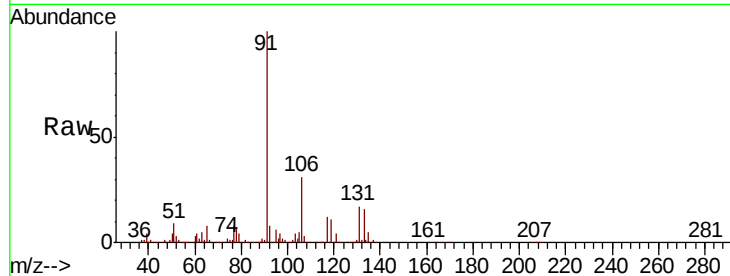
#67
Ethyl Benzene
Concen: 53.49 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1432400
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

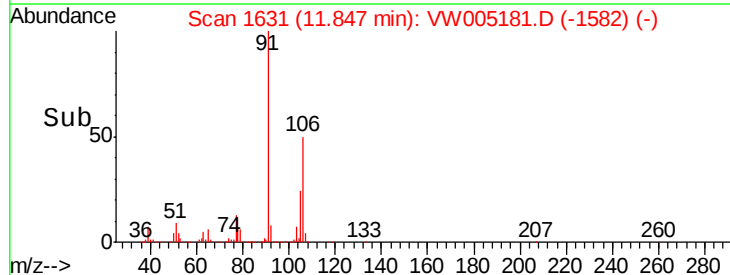
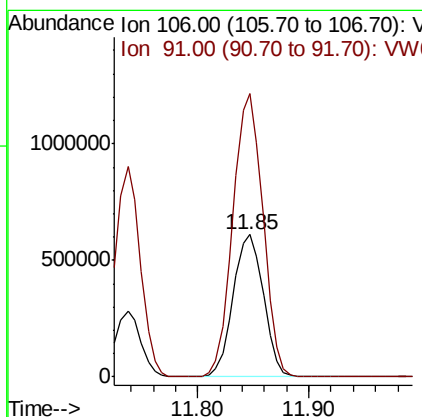
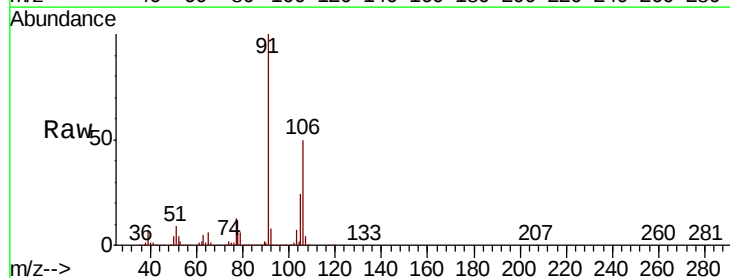
Manual Integrations
APPROVED

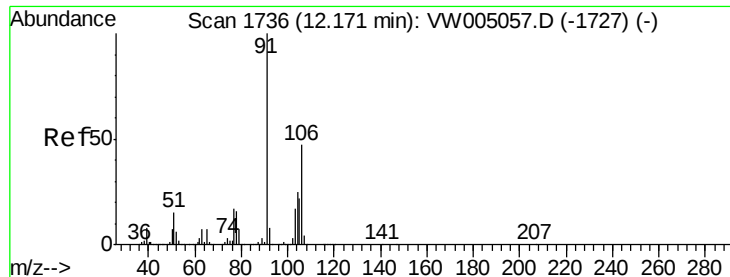
apatel
9/7/2018 12:35:33 PM



#68
m/p-Xylenes
Concen: 107.14 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion:106 Resp: 1148852
Ion Ratio Lower Upper
106 100
91 197.8 158.4 237.6





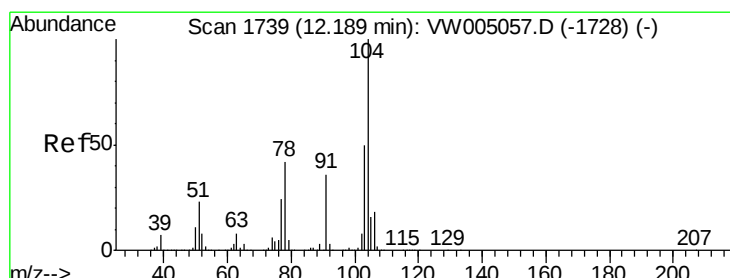
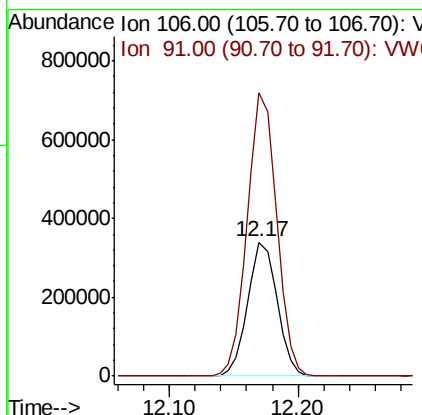
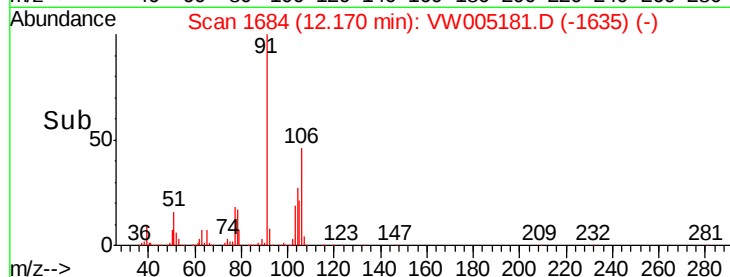
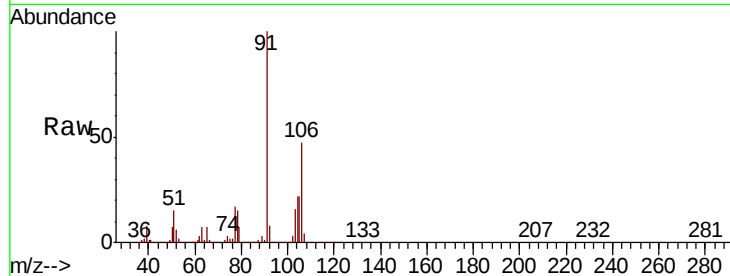
#69
o-Xylene
Concen: 54.04 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.3	105.6	316.8	

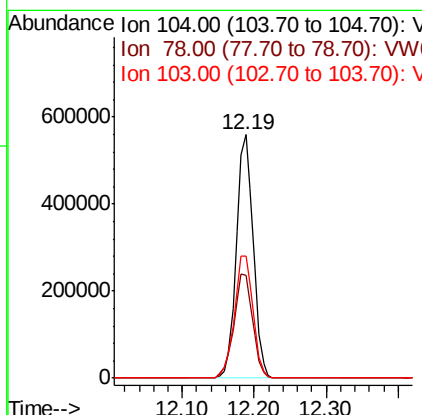
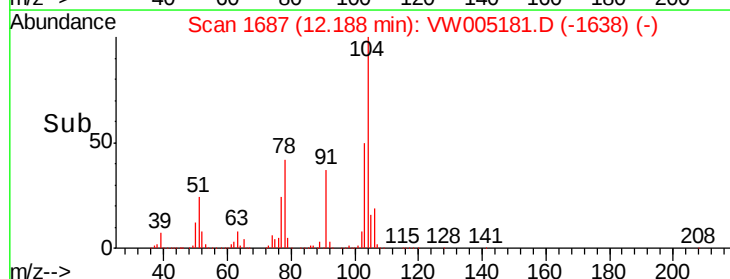
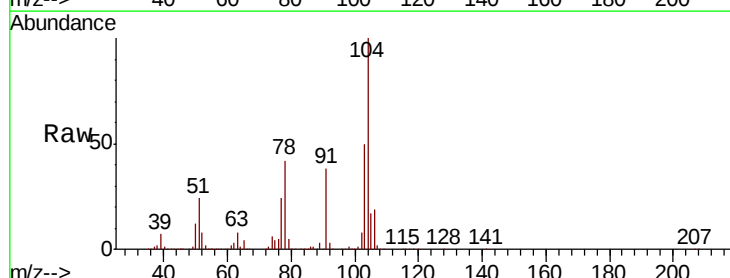
Manual Integrations
APPROVED

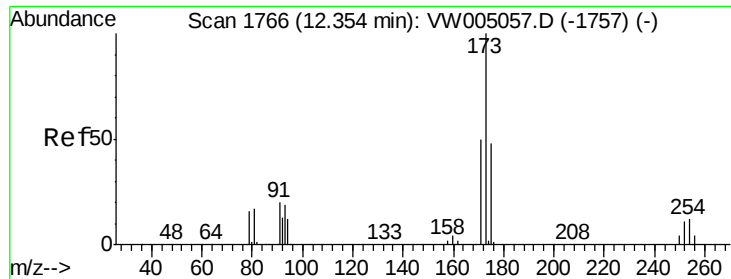
apatel
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#70
Styrene
Concen: 55.61 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	37.8	56.6	
103	55.4	44.1	66.1	





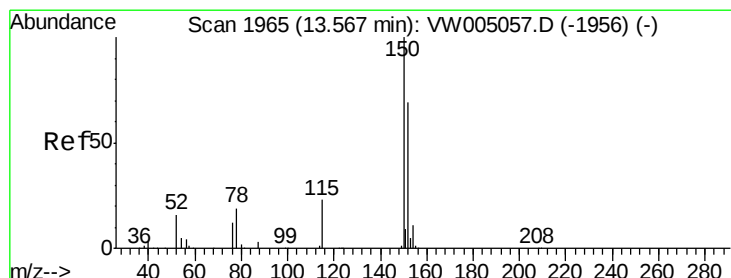
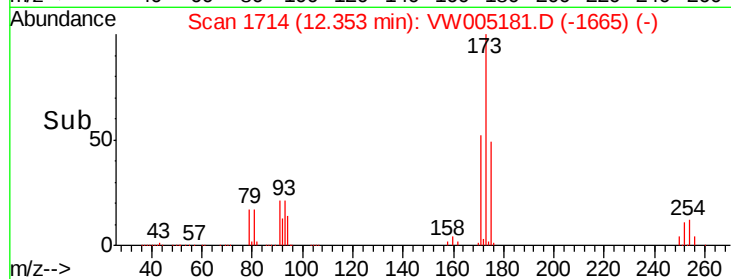
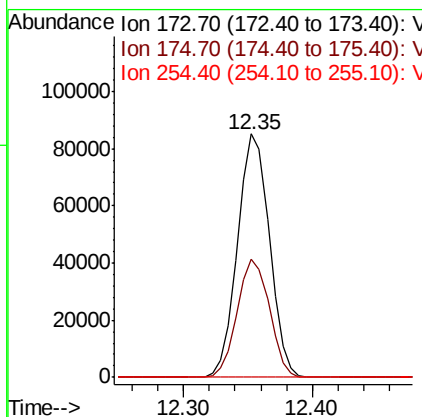
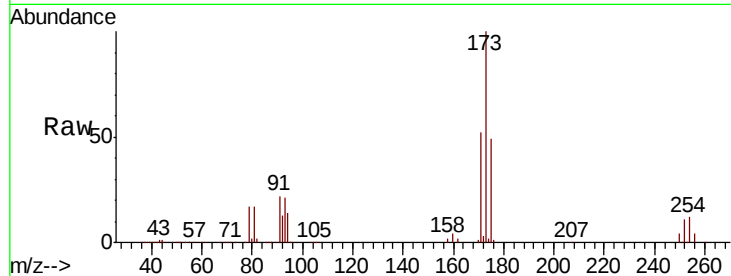
#71
Bromoform
Concen: 57.08 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.2
254	0.0	0.2	0.2

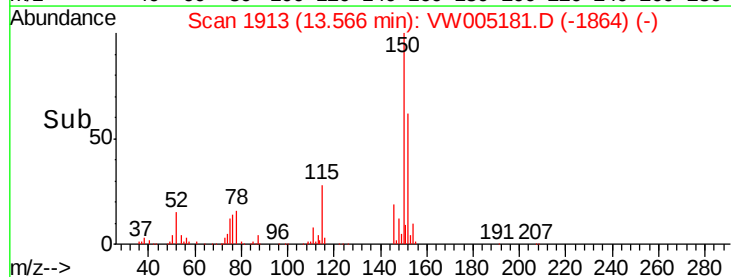
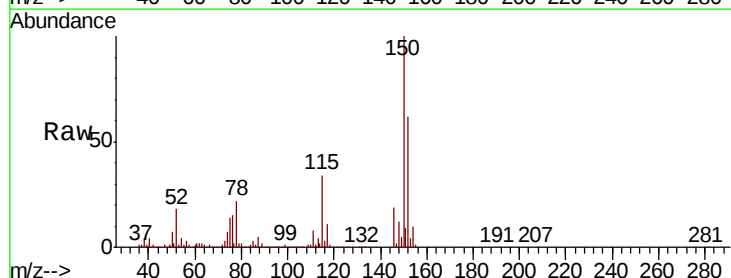
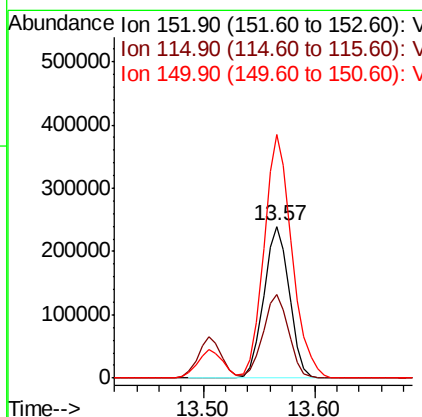
Manual Integrations
APPROVED

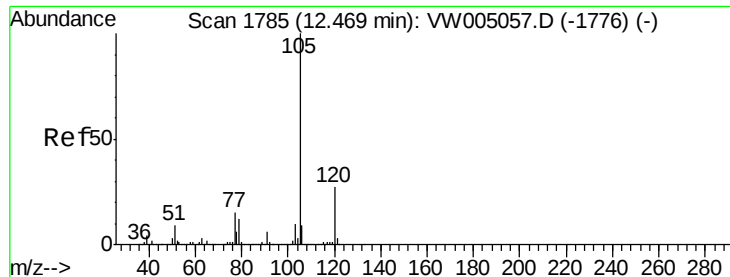
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.4
150	175.2	0.0	351.4





#73

Isopropylbenzene

Concen: 53.37 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1439879

Ion Ratio Lower Upper

105 100

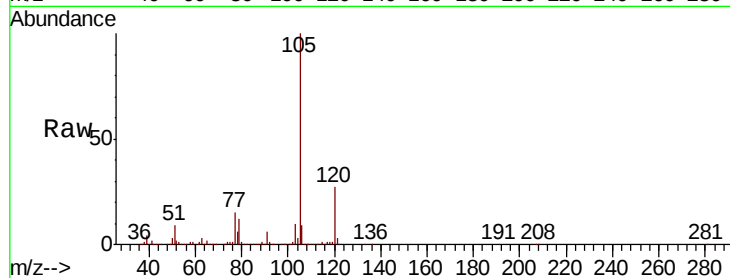
120 26.7 13.4 40.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

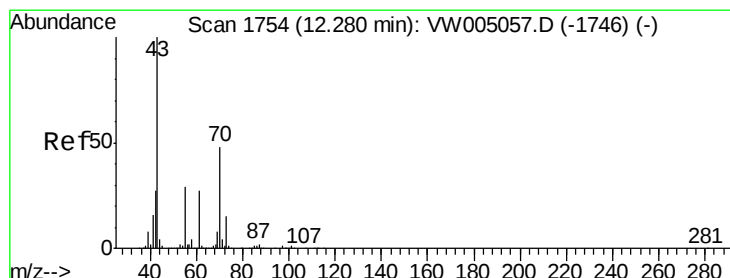
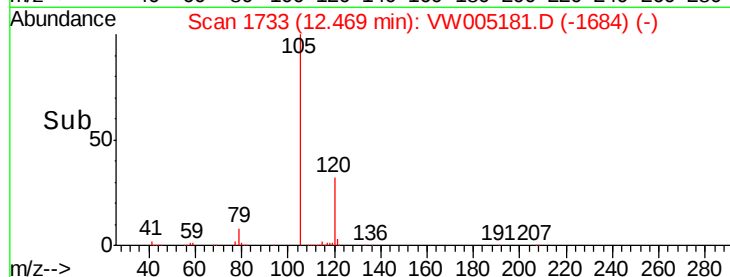
200000

0

12.47

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 59.31 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion: 43 Resp: 275502

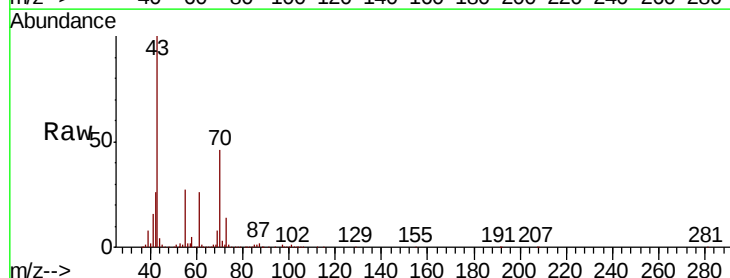
Ion Ratio Lower Upper

43 100

70 46.2 38.2 57.4

55 27.8 23.2 34.8

61 26.0 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

250000

200000

150000

100000

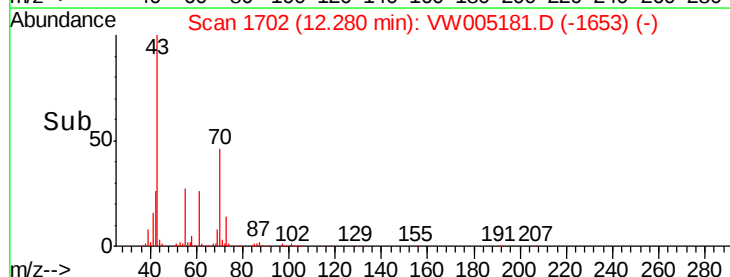
50000

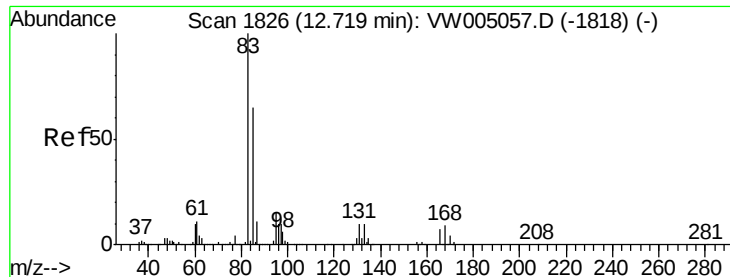
0

12.28

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 59.49 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

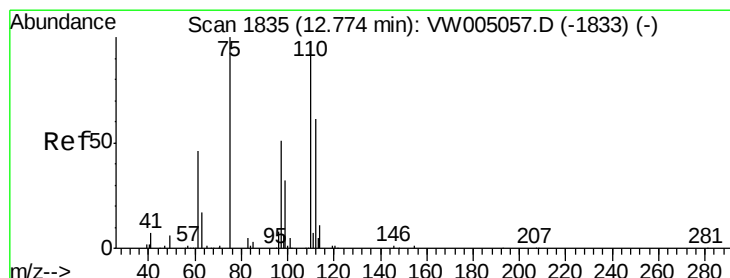
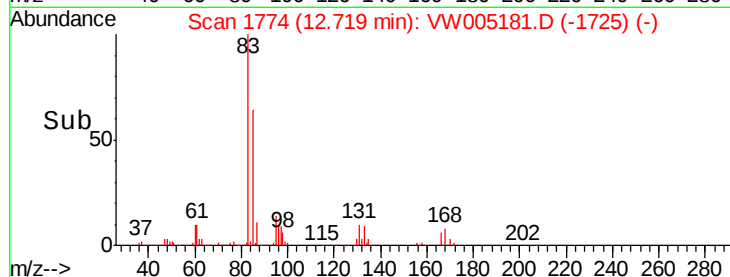
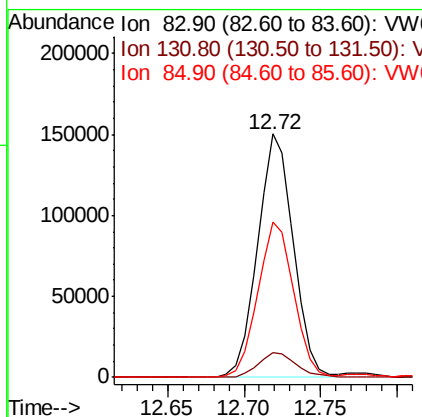
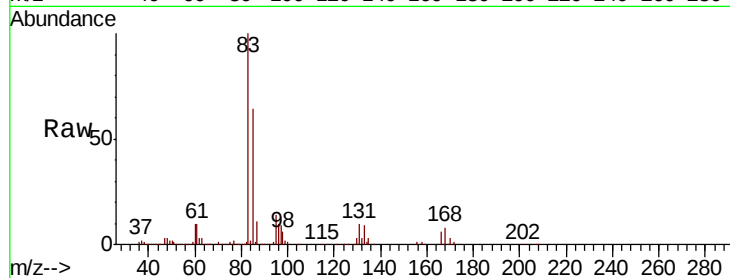
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	244344
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.0	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.77 ug/l m

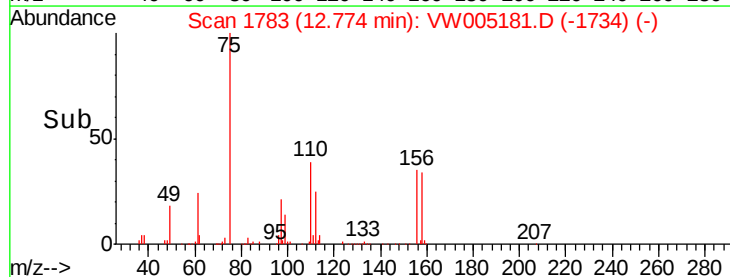
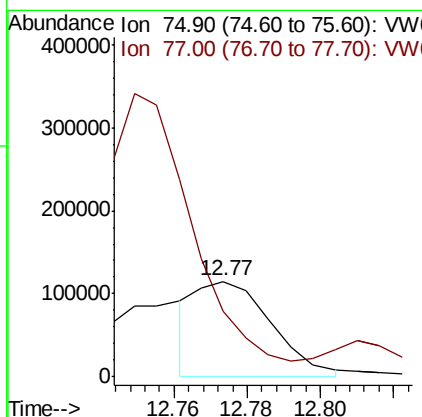
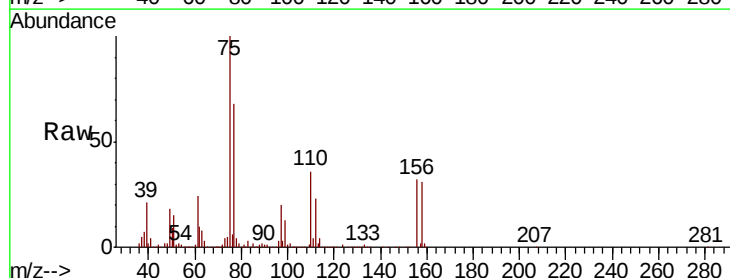
RT: 12.77 min Scan# 1783

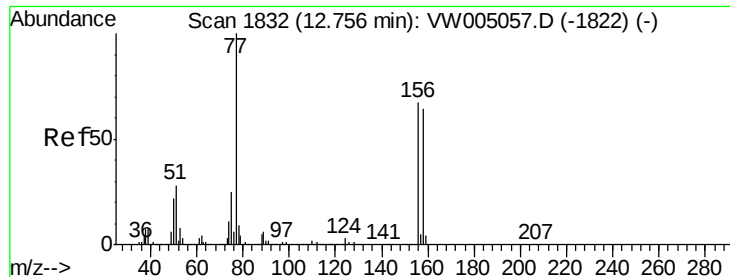
Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion:	75	Resp:	165912
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.56 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

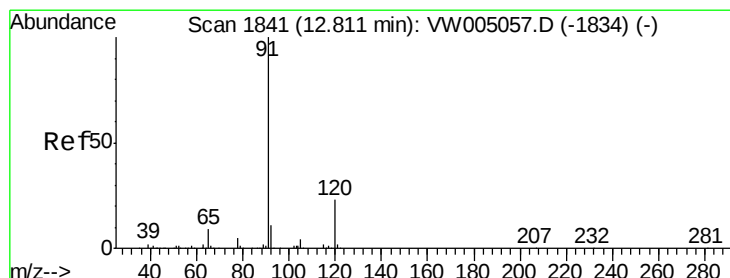
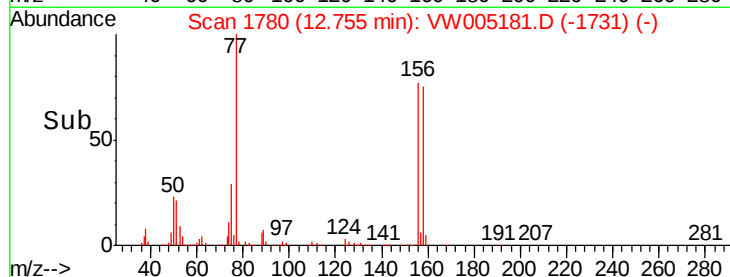
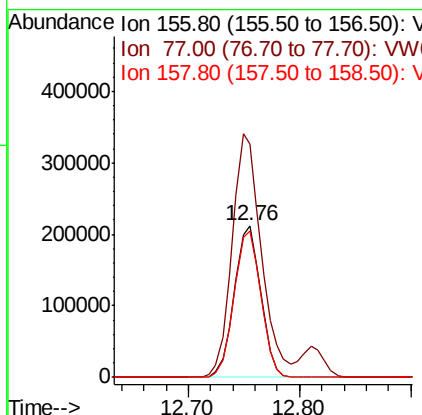
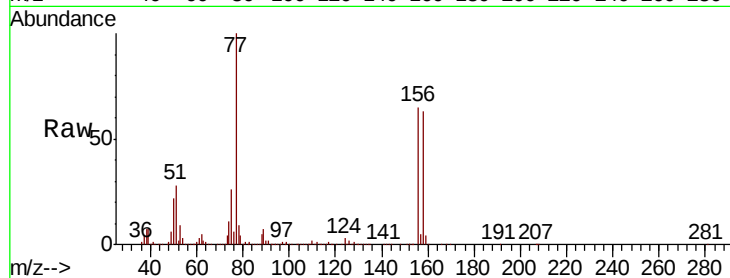
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	349378
Ion Ratio	Lower	Upper	
156	100		
77	177.0	85.8	257.4
158	97.5	48.1	144.4

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#78

n-propylbenzene

Concen: 53.41 ug/l

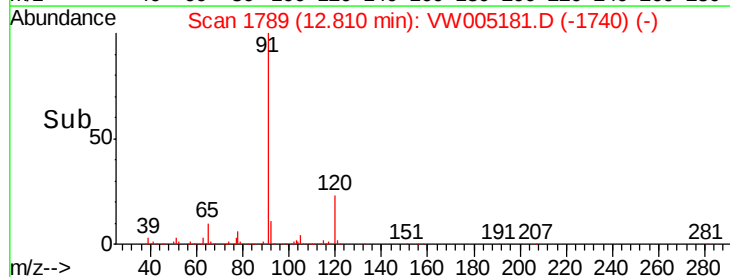
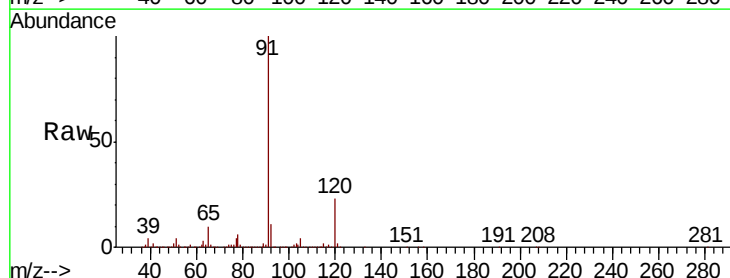
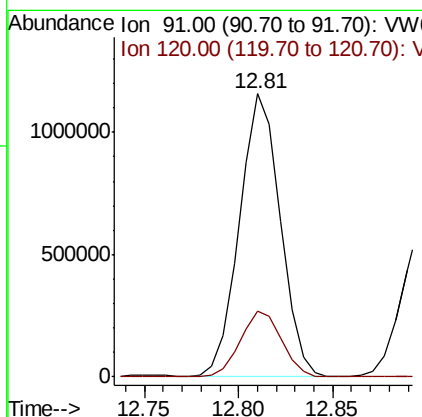
RT: 12.81 min Scan# 1789

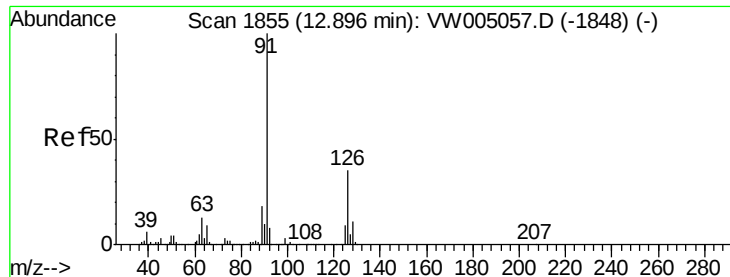
Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Tgt Ion:	91	Resp:	1739504
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 52.58 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 999147

Ion Ratio Lower Upper

91 100

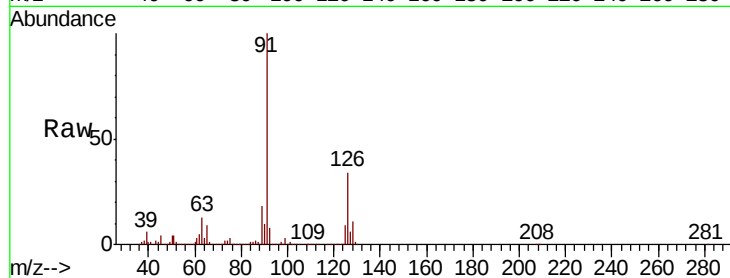
126 34.9 17.3 52.0

Manual Integrations

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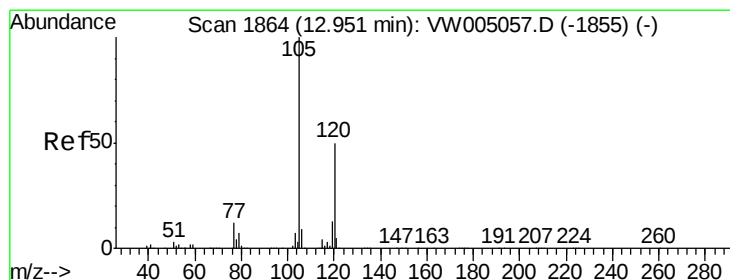
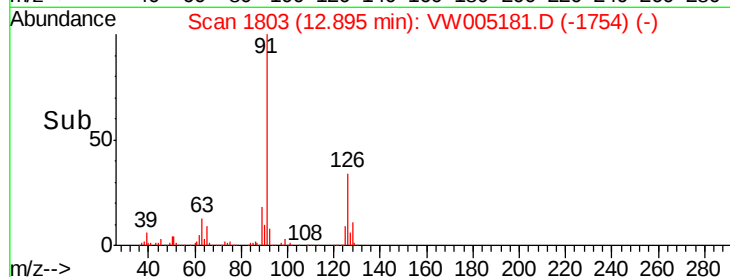
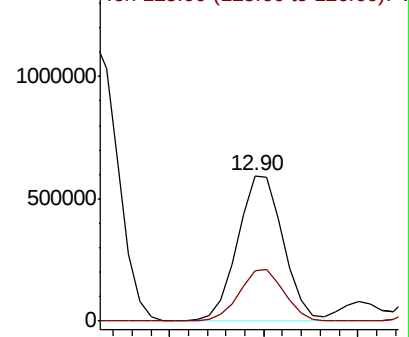
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.17 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005181.D

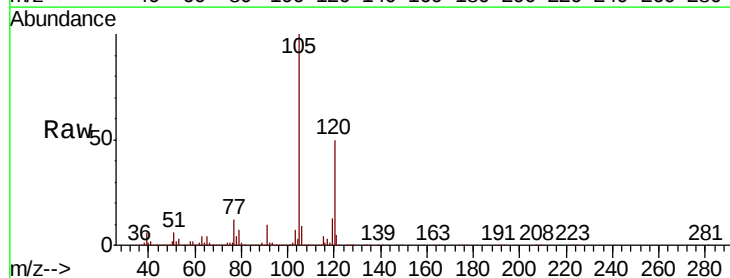
Acq: 06 Sep 2018 23:57

Tgt Ion:105 Resp: 1240403

Ion Ratio Lower Upper

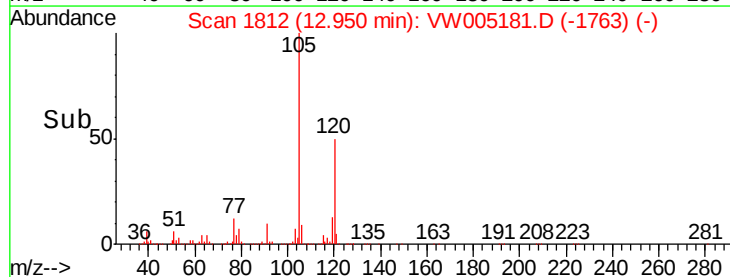
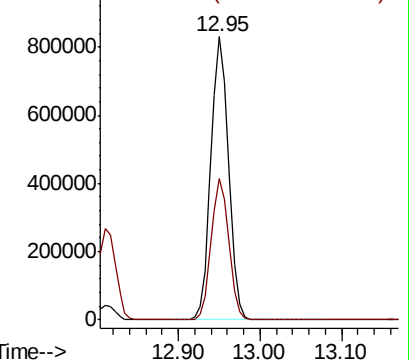
105 100

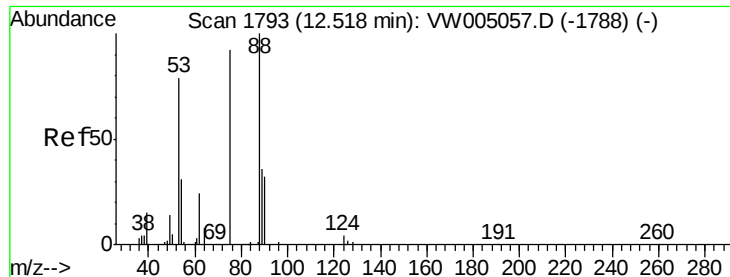
120 49.7 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





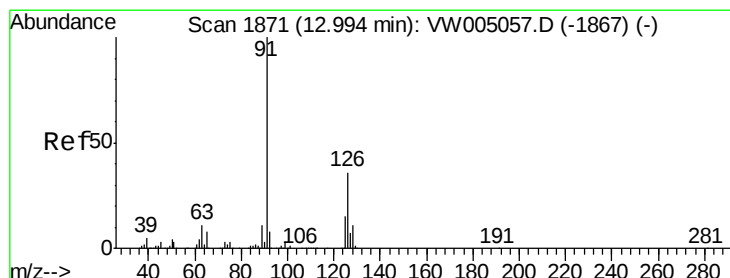
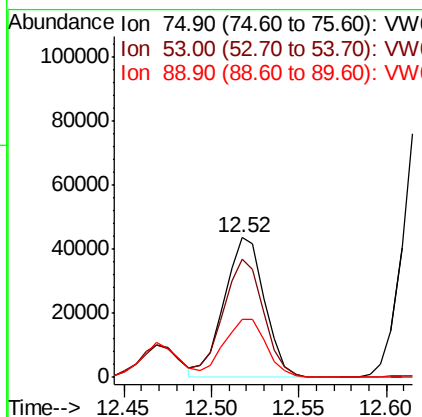
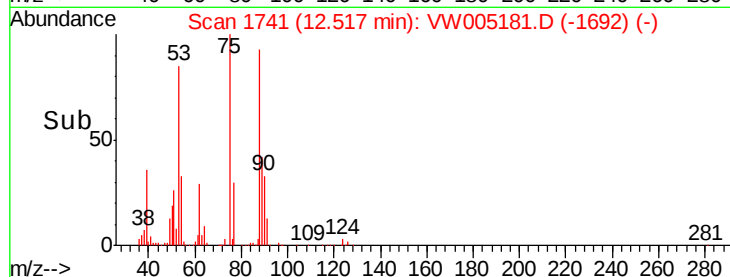
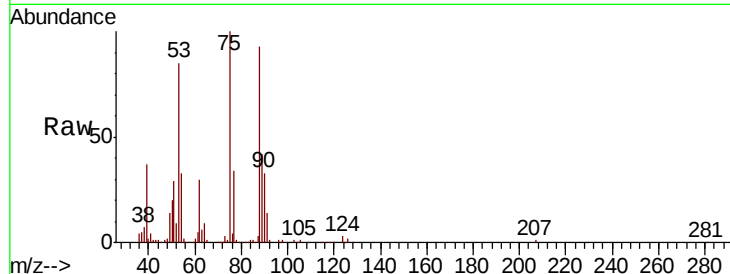
#81
trans-1,4-Dichloro-2-butene
Concen: 58.12 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.4	69.8	104.8
89	44.0	36.0	54.0

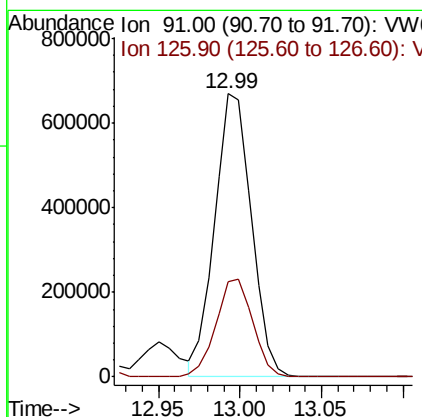
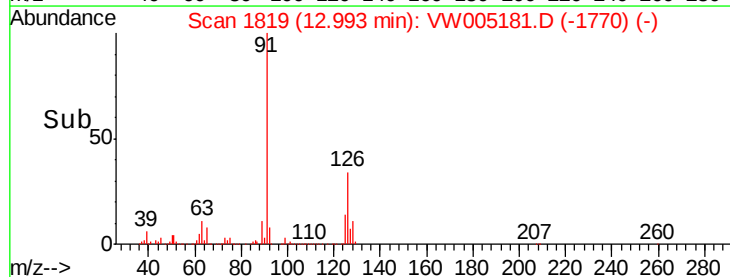
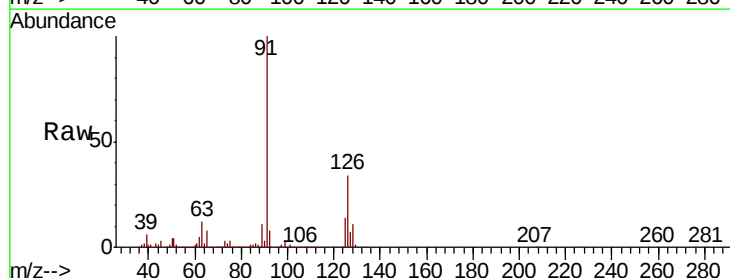
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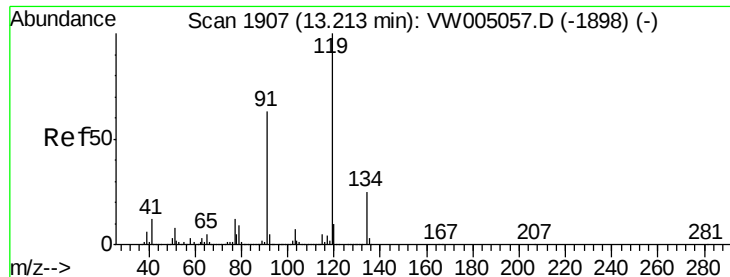
apatel
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#82
4-Chlorotoluene
Concen: 52.31 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





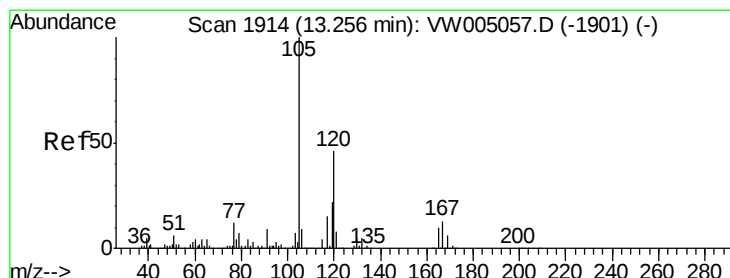
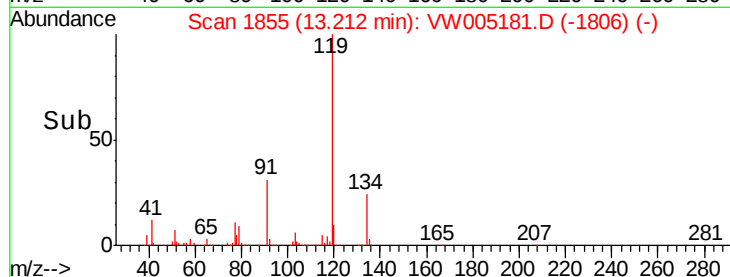
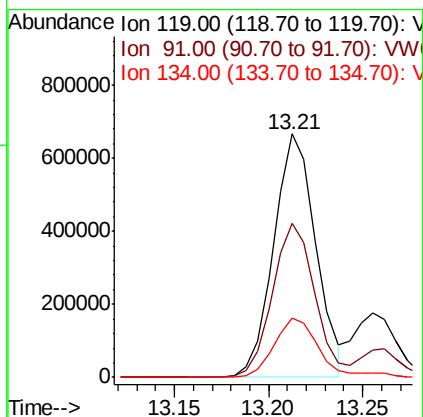
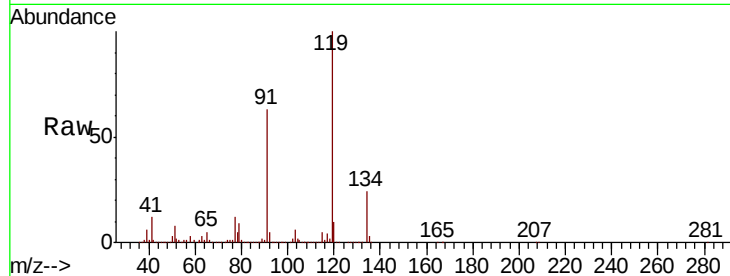
#83
tert-Butylbenzene
Concen: 53.05 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	31.8	95.4
134	26.2	13.0	39.0

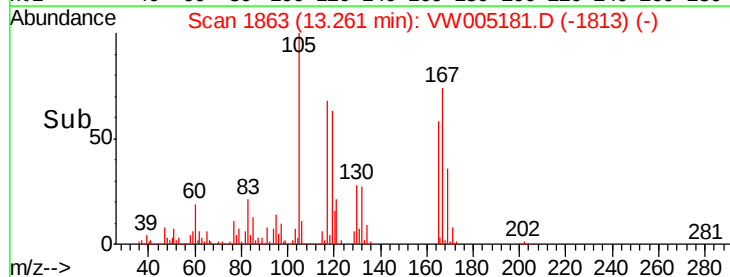
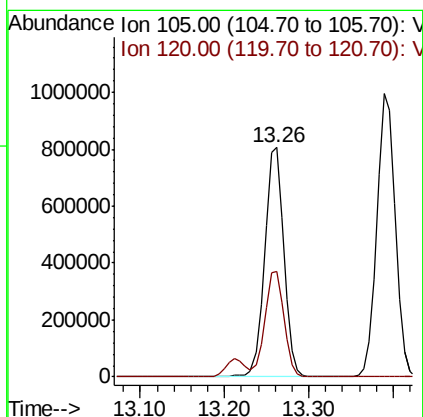
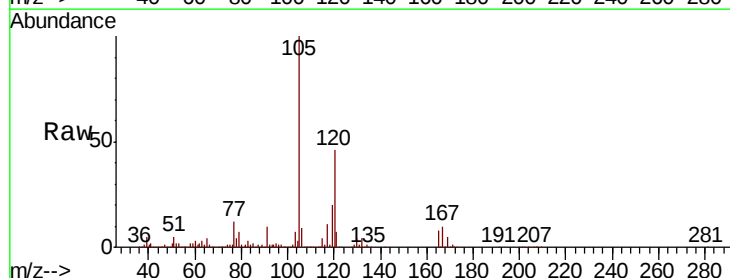
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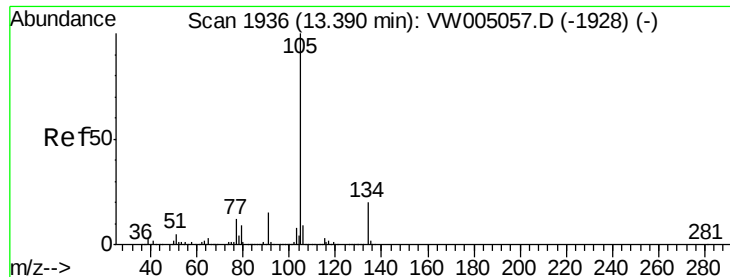
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 53.40 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





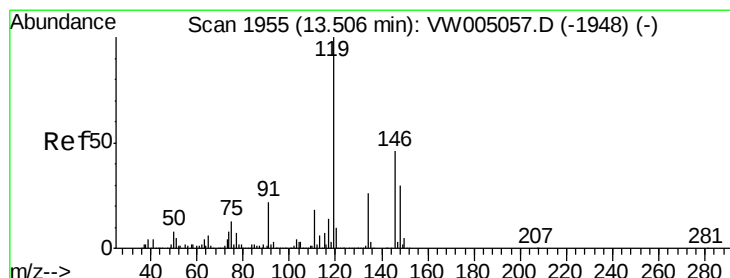
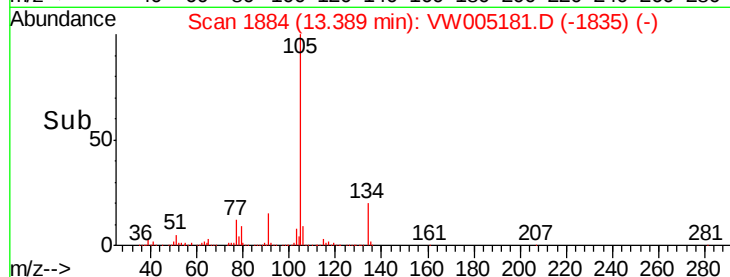
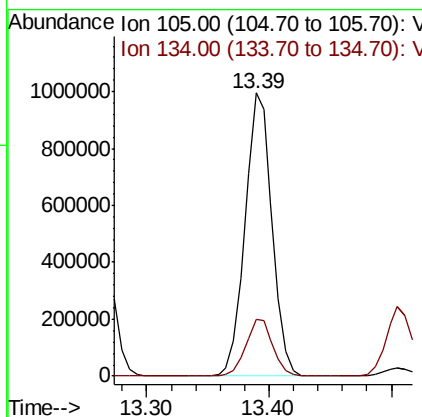
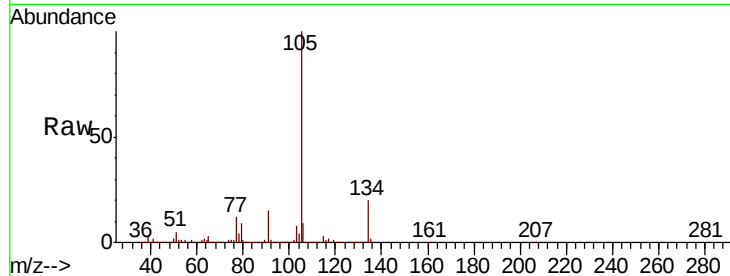
#85
 sec-Butylbenzene
 Concen: 52.80 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 1511749
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

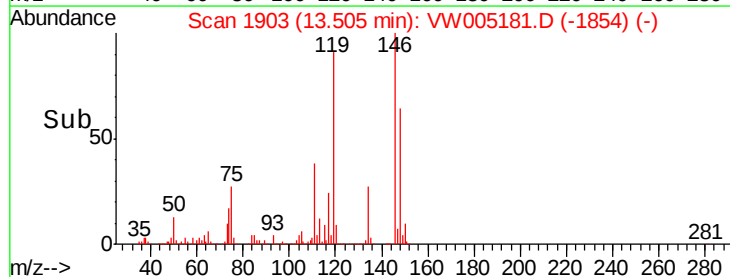
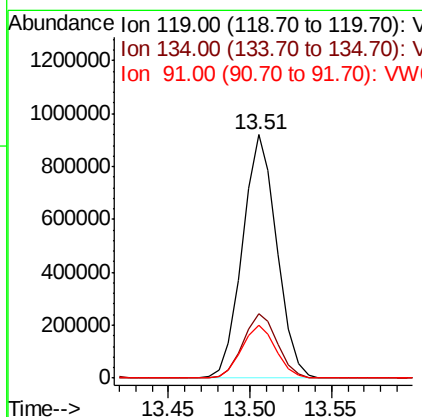
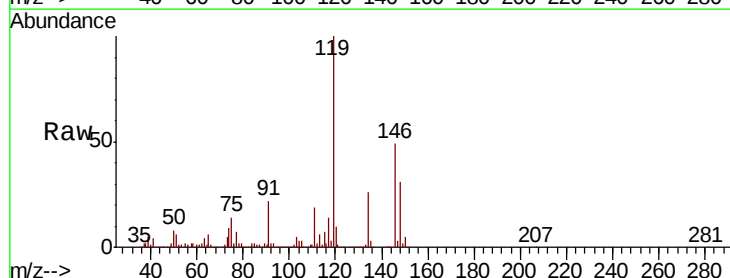
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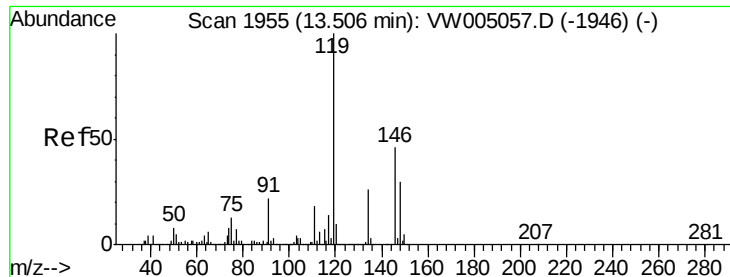
apatel
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#86
 p-Isopropyltoluene
 Concen: 53.19 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Tgt Ion:119 Resp: 1348057
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 21.6 10.9 32.9





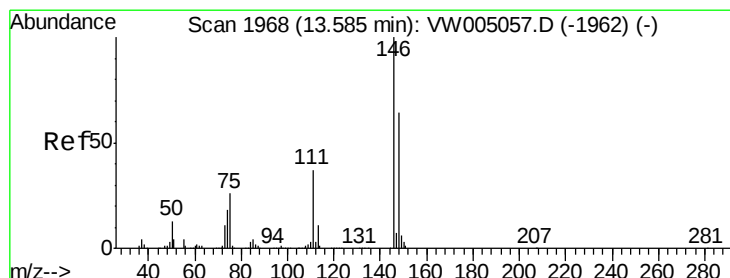
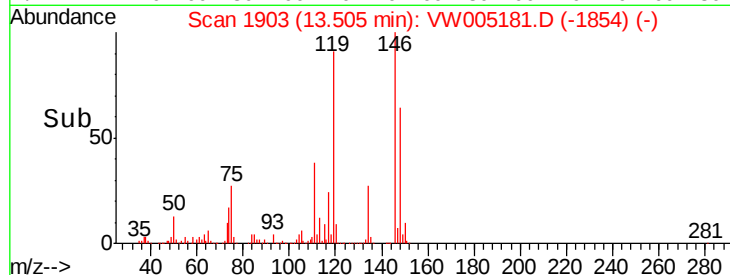
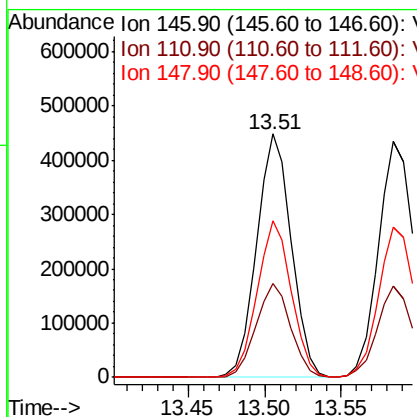
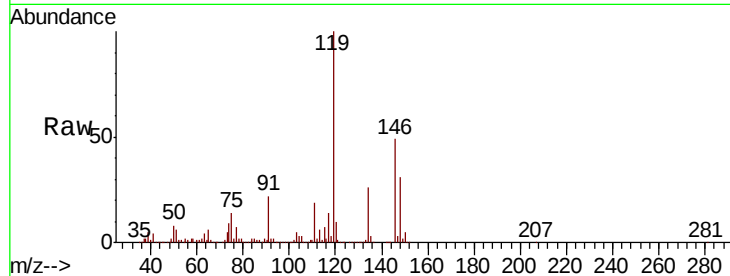
#87
 1,3-Dichlorobenzene
 Concen: 51.88 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	708353		
111	38.2	19.2	57.6	
148	63.5	31.9	95.7	

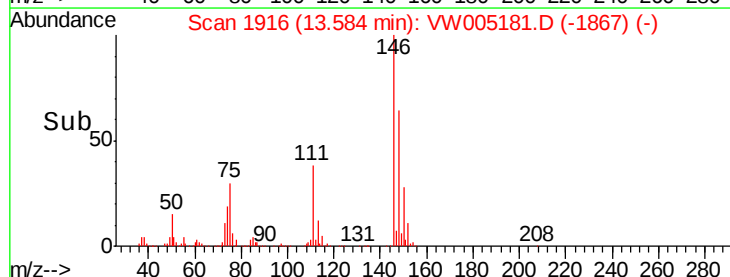
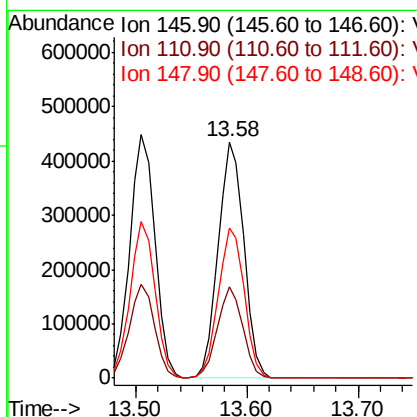
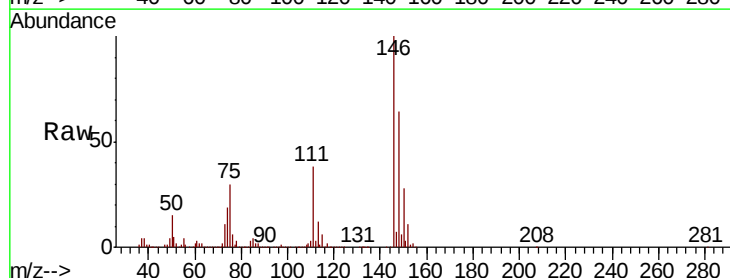
Manual Integrations
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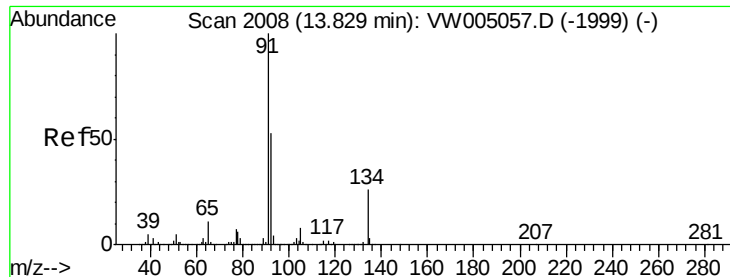
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#88
 1,4-Dichlorobenzene
 Concen: 51.33 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	695279		
111	37.9	18.6	56.0	
148	63.9	32.0	96.0	





#89

n-Butylbenzene

Concen: 53.33 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005181.D

Acq: 06 Sep 2018 23:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1252641

Ion Ratio Lower Upper

91 100

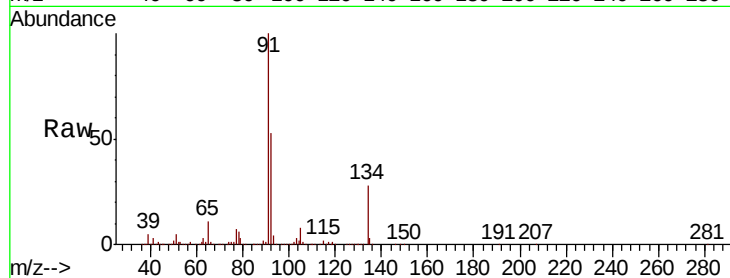
92 53.1 26.5 79.5

134 26.4 13.5 40.4

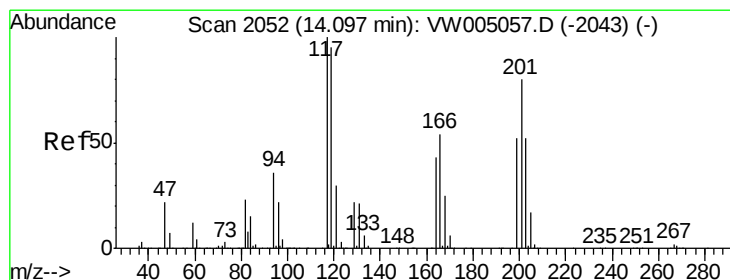
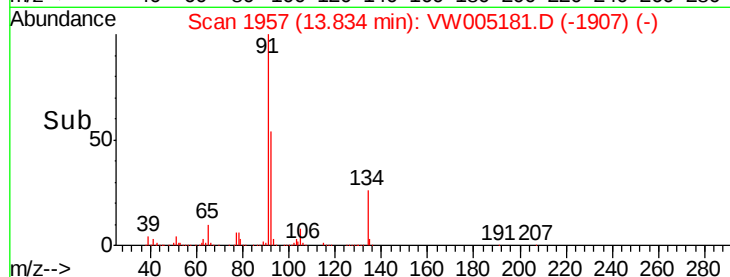
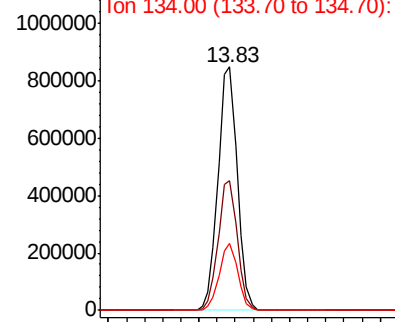
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.76 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005181.D

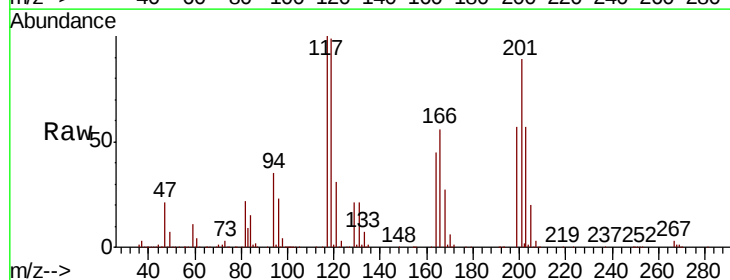
Acq: 06 Sep 2018 23:57

Tgt Ion: 117 Resp: 217925

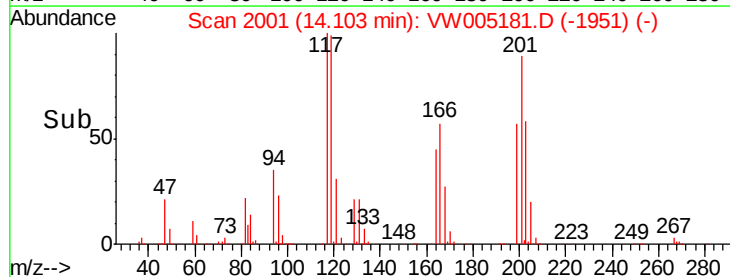
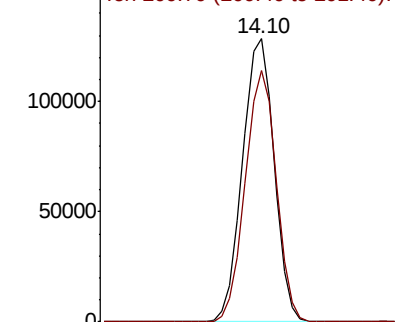
Ion Ratio Lower Upper

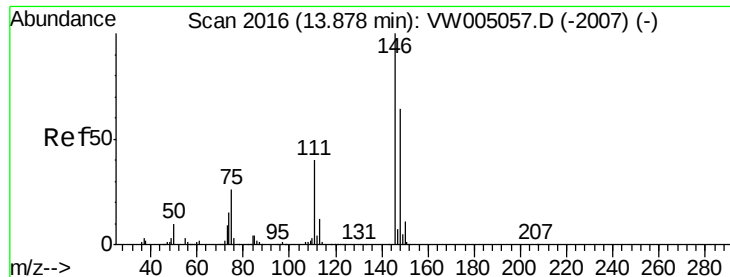
117 100

201 87.6 44.6 133.8



Abundance Ion 116.80 (116.50 to 117.50): V
150000 Ion 200.70 (200.40 to 201.40): V





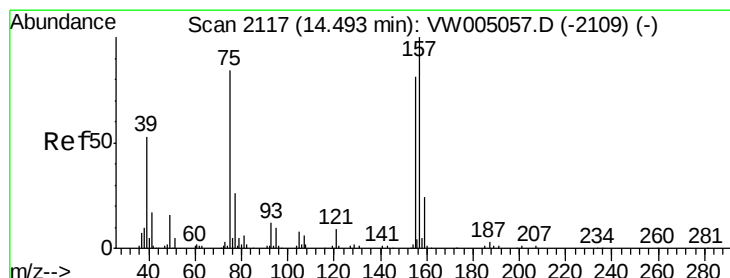
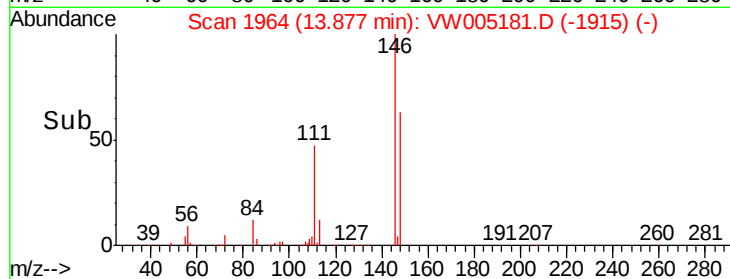
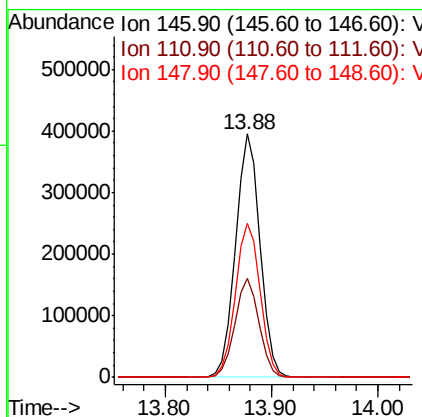
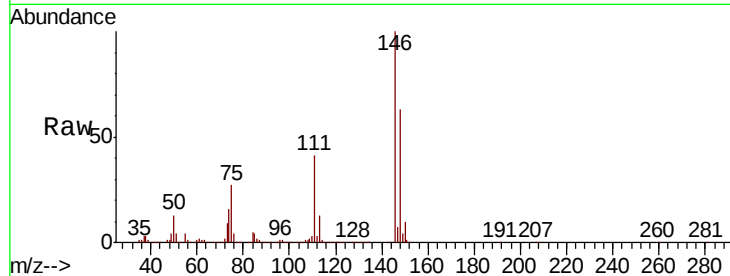
#91
 1,2-Dichlorobenzene
 Concen: 53.48 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.0	31.9	95.9

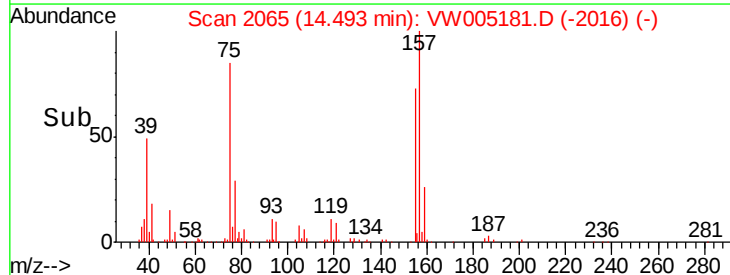
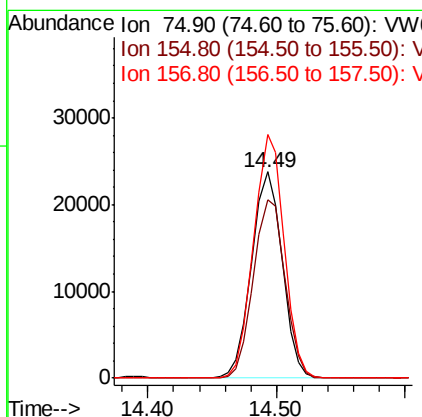
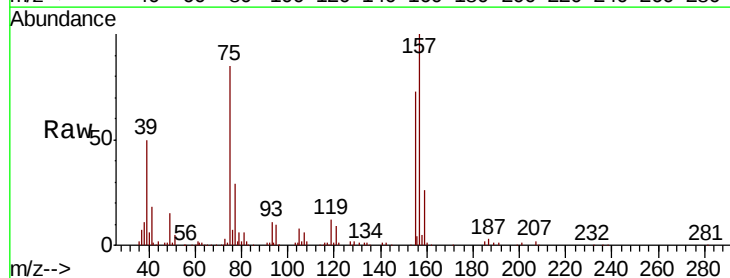
Manual Integrations
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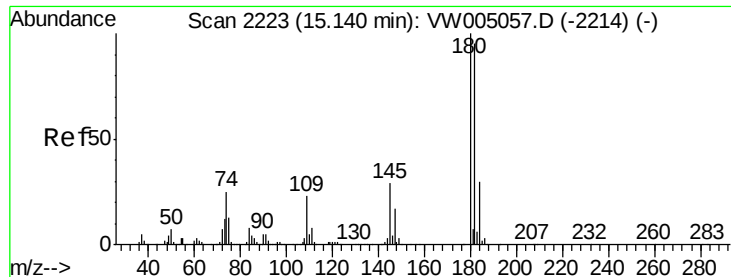
apatel
 9/7/2018 12:35:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.11 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	46.0	137.8
157	116.6	58.6	175.7





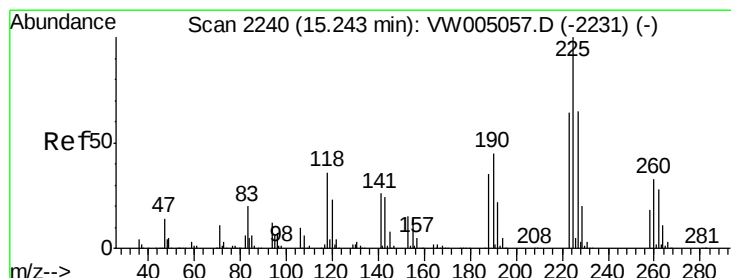
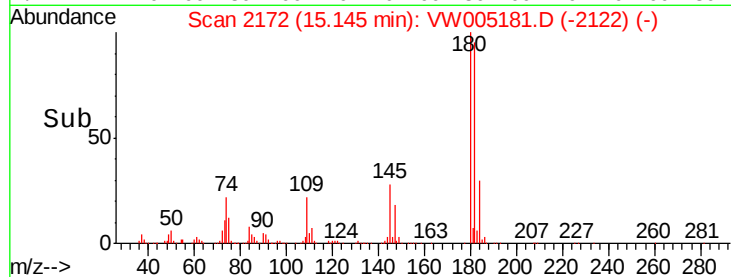
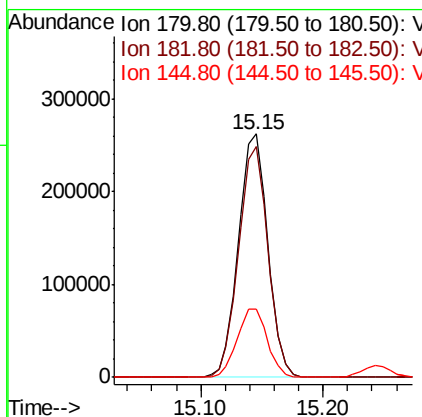
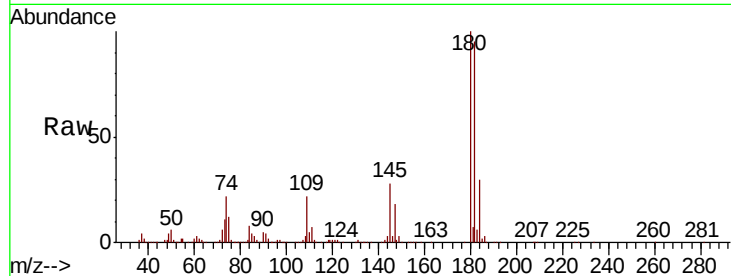
#93
 1,2,4-Trichlorobenzene
 Concen: 54.56 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	435425		
182	94.8	47.5	142.6	
145	28.8	14.4	43.2	

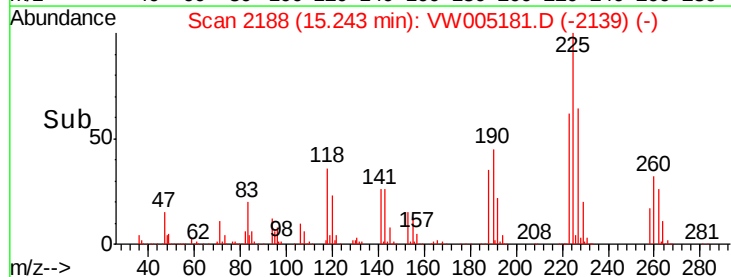
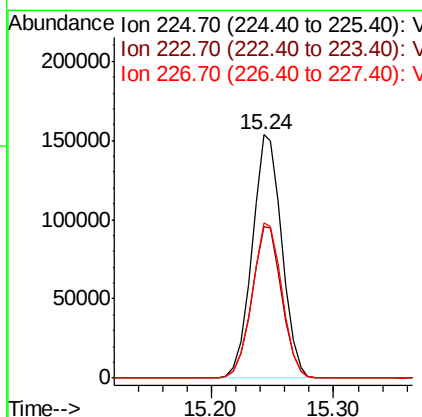
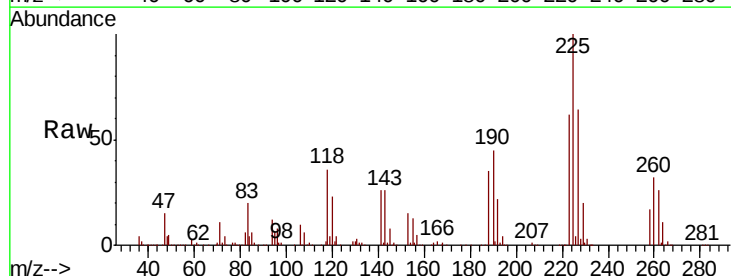
Manual Integrations
 APPROVED

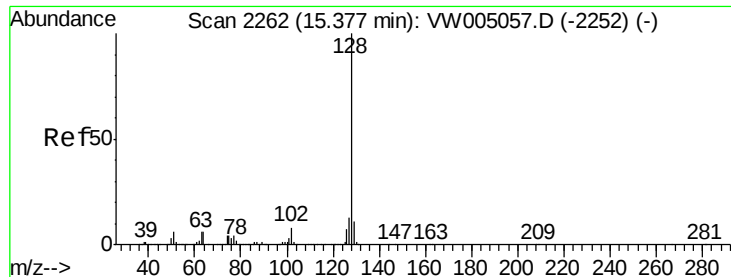
apatel
 9/7/2018 12:35:33 PM



#94
 Hexachlorobutadiene
 Concen: 52.17 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005181.D
 Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	258925		
223	62.9	31.4	94.3	
227	64.2	32.0	96.0	





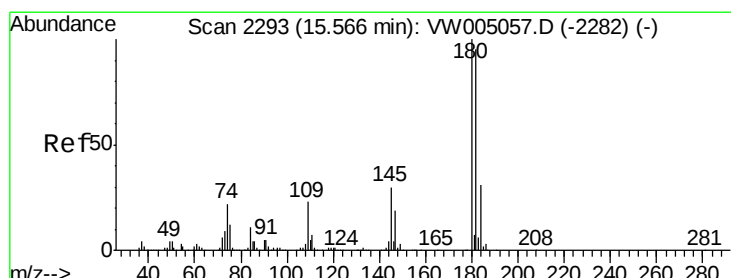
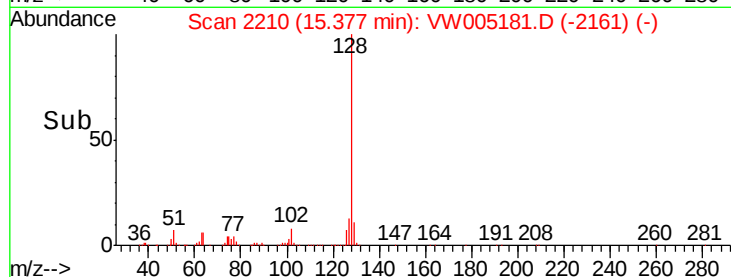
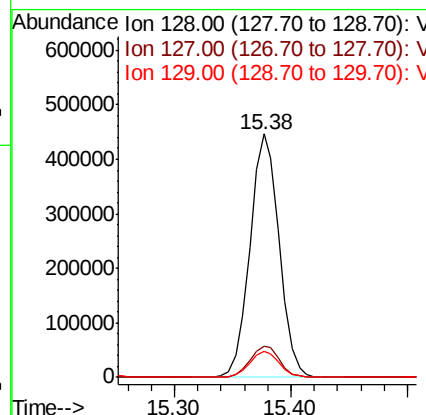
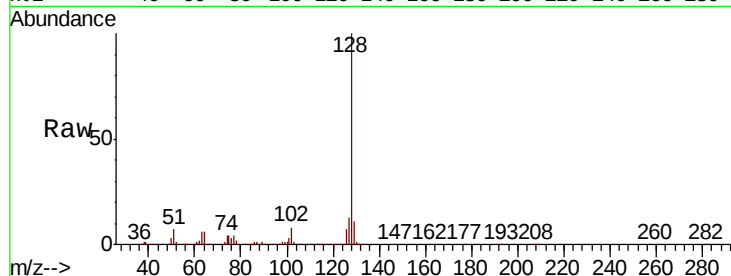
#95
Naphthalene
Concen: 55.68 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
9/7/2018 12:35:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.96 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005181.D
Acq: 06 Sep 2018 23:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.3
145	30.7	15.4	46.1

