

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004501.D
 Acq On : 07 Aug 2018 19:02
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 8/8/2018 2:24:28 PM

Quant Time: Aug 08 08:49:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	767918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1187786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1105695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	585493	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	422802	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.88	113	406238	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.33	98	1584993	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.62	95	574502	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	258765	49.10	ug/l	100
3) Chloromethane	2.22	50	358404	48.82	ug/l	100
4) Vinyl Chloride	2.37	62	508826	49.61	ug/l	99
5) Bromomethane	2.78	94	302637	50.68	ug/l	97
6) Chloroethane	2.92	64	316201	51.60	ug/l	98
7) Trichlorofluoromethane	3.25	101	206701	54.57	ug/l	96
8) Diethyl Ether	3.67	74	231089	48.23	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	421863	50.42	ug/l	99
10) Methyl Iodide	4.27	142	630928	50.26	ug/l	100
11) Tert butyl alcohol	5.23	59	104341	209.64	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	413846	49.14	ug/l	99
13) Acrolein	3.89	56	160044	262.44	ug/l	100
14) Allyl chloride	4.66	41	669657	52.93	ug/l	99
15) Acrylonitrile	5.37	53	504802	237.06	ug/l	100
16) Acetone	4.14	43	517187	243.62	ug/l	98
17) Carbon Disulfide	4.37	76	1367925	50.55	ug/l	99
18) Methyl Acetate	4.68	43	240954	45.52	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	585869	51.00	ug/l	98
20) Methylene Chloride	4.91	84	534042	51.83	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	460446	50.74	ug/l	98
22) Diisopropyl ether	6.31	45	1387905	53.38	ug/l	99
23) Vinyl Acetate	6.26	43	4071452	260.55	ug/l	100
24) 1,1-Dichloroethane	6.21	63	844517	50.74	ug/l	99
25) 2-Butanone	7.18	43	810936	237.47	ug/l	100
26) 2,2-Dichloropropane	7.17	77	432094	49.47	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	493382	50.53	ug/l	100
28) Bromochloromethane	7.51	49	364893	50.39	ug/l	99
29) Tetrahydrofuran	7.54	42	417050	236.24	ug/l	99
30) Chloroform	7.68	83	820964	50.22	ug/l	99
31) Cyclohexane	7.96	56	796675	50.03	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	627282	51.09	ug/l	99
36) 1,1-Dichloropropene	8.08	75	667234	52.17	ug/l	100
37) Ethyl Acetate	7.26	43	275310	45.96	ug/l	99
38) Carbon Tetrachloride	8.07	117	592899	51.52	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	836260	53.35	ug/l	98
40) Benzene	8.32	78	1915669	51.01	ug/l	99
41) Methacrylonitrile	7.49	41	176178	52.66	ug/l	93
42) 1,2-Dichloroethane	8.40	62	517866	49.84	ug/l	99
43) Isopropyl Acetate	8.43	43	508630	48.72	ug/l	100
44) Trichloroethene	9.09	130	462747	50.14	ug/l	98
45) 1,2-Dichloropropane	9.37	63	480440	51.08	ug/l	99
46) Dibromomethane	9.46	93	235290	49.14	ug/l	99
47) Bromodichloromethane	9.65	83	567604	50.22	ug/l	100
48) Methyl methacrylate	9.44	41	247051	50.63	ug/l	98
49) 1,4-Dioxane	9.48	88	71124	973.68	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1788469	246.09	ug/l	100
52) Toluene	10.39	92	1148660	51.87	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	572827	50.48	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	682790	51.63	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	336506	49.04	ug/l	99
56) Ethyl methacrylate	10.65	69	427599	52.04	ug/l	100
57) 1,3-Dichloropropane	10.93	76	584327	49.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1014326	233.09	ug/l	100
59) 2-Hexanone	10.98	43	1213470	246.27	ug/l	100
60) Dibromochloromethane	11.13	129	374865	50.22	ug/l	99
61) 1,2-Dibromoethane	11.24	107	316867	49.15	ug/l	99
64) Tetrachloroethene	10.87	164	386383	50.09	ug/l	96
65) Chlorobenzene	11.66	112	1249064	51.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	427054	51.48	ug/l	99
67) Ethyl Benzene	11.74	91	2209245	53.48	ug/l	99
68) m/p-Xylenes	11.84	106	1716385	107.52	ug/l	100
69) o-Xylene	12.17	106	797151	53.84	ug/l	99
70) Styrene	12.19	104	1363225	54.50	ug/l	100
71) Bromoform	12.35	173	227479	49.88	ug/l #	99
73) Isopropylbenzene	12.47	105	2194751	54.19	ug/l	100
74) N-amyl acetate	12.28	43	498731	50.79	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	416992	49.32	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	278958m	46.04	ug/l	
77) Bromobenzene	12.75	156	508200	51.87	ug/l	99
78) n-propylbenzene	12.81	91	2739766	54.83	ug/l	100
79) 2-Chlorotoluene	12.90	91	1533975	53.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1893572	54.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	124859	49.33	ug/l	98
82) 4-Chlorotoluene	12.99	91	1632871	53.20	ug/l	100
83) tert-Butylbenzene	13.21	119	1600740	55.24	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1950780	54.55	ug/l	100
85) sec-Butylbenzene	13.39	105	2384322	54.54	ug/l	99
86) p-Isopropyltoluene	13.51	119	2087315	55.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1033655	51.20	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	1014935	50.50	ug/l	99
89) n-Butylbenzene	13.83	91	2037932	54.76	ug/l	100
90) Hexachloroethane	14.10	117	365555	52.16	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	930616	50.81	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	66270	47.97	ug/l	97

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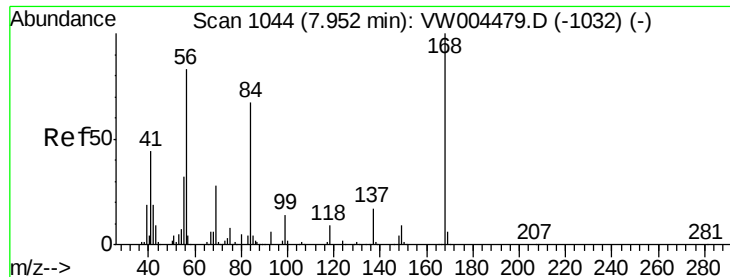
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	656528	51.77	ug/l	99
94) Hexachlorobutadiene	15.24	225	386243	52.31	ug/l	100
95) Naphthalene	15.38	128	1237536	47.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	586681	51.48	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 767918

Ion Ratio Lower Upper

168 100

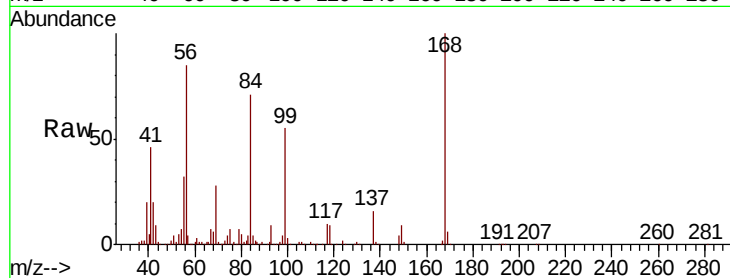
99 55.1 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

300000

200000

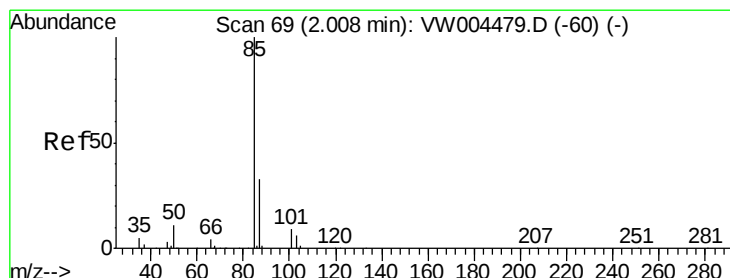
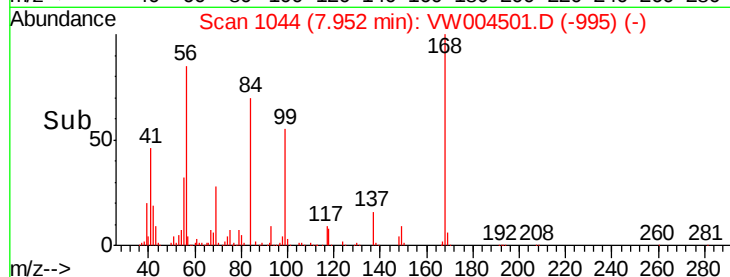
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.10 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004501.D

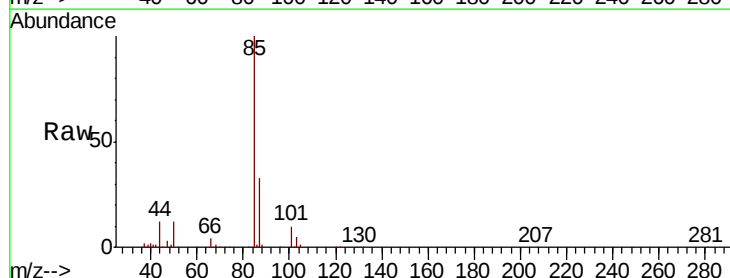
Acq: 07 Aug 2018 19:02

Tgt Ion: 85 Resp: 258765

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

80000

60000

40000

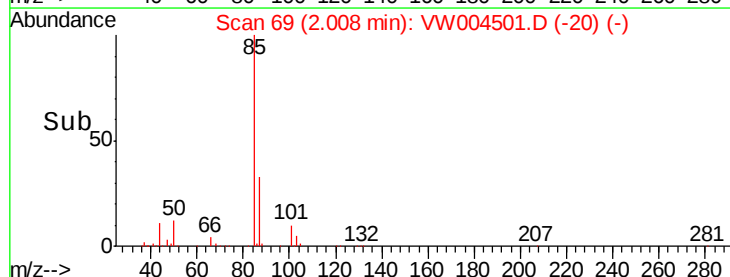
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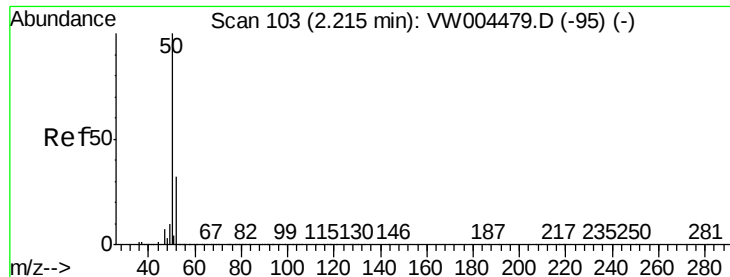
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 48.82 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 358404

Ion Ratio Lower Upper

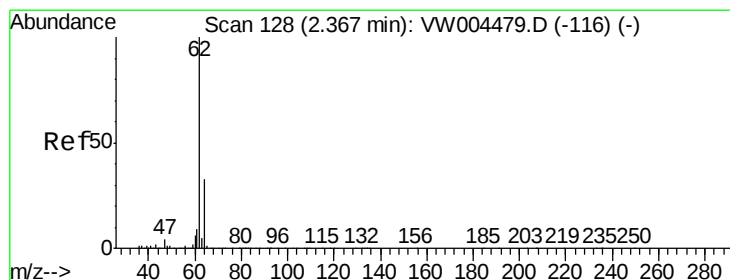
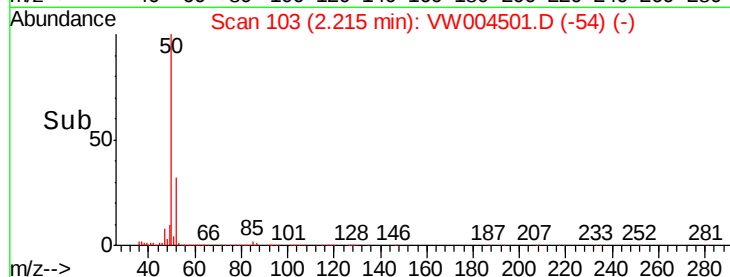
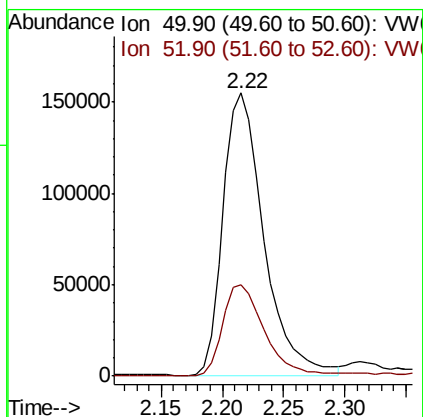
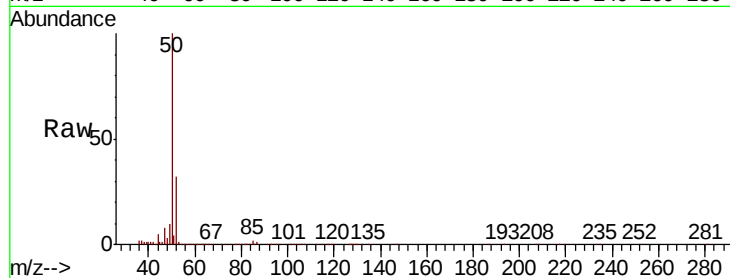
50 100

52 32.2 25.8 38.8

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#4

Vinyl Chloride

Concen: 49.61 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004501.D

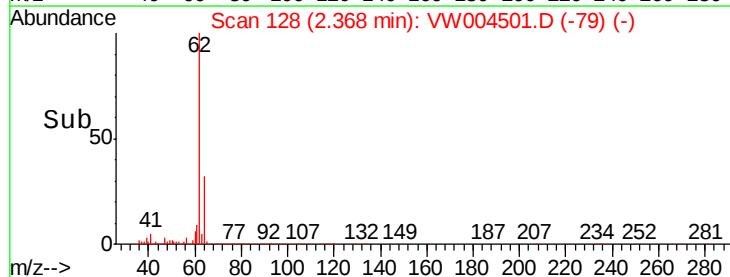
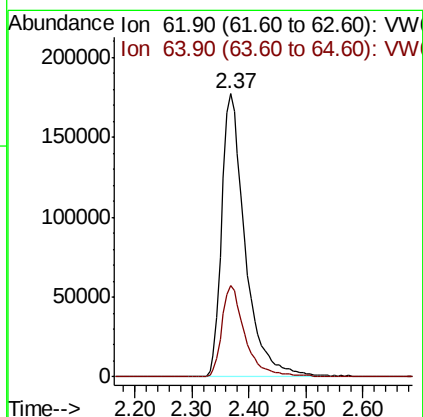
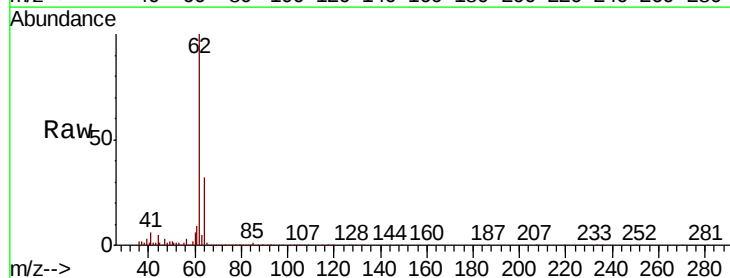
Acq: 07 Aug 2018 19:02

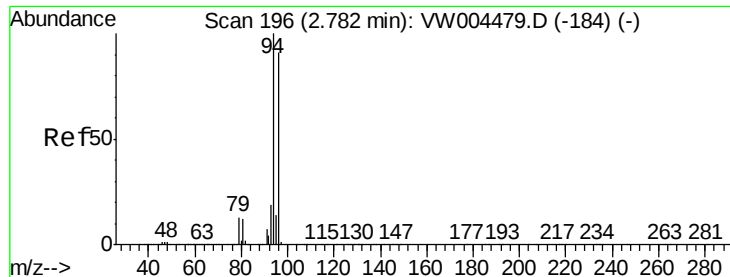
Tgt Ion: 62 Resp: 508826

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 50.68 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 302637

Ion Ratio Lower Upper

94 100

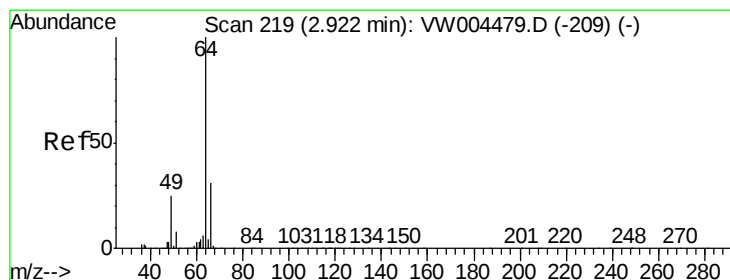
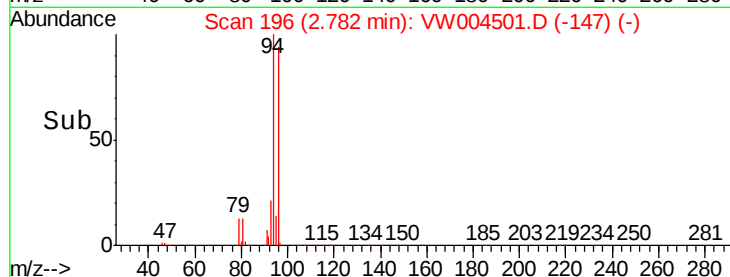
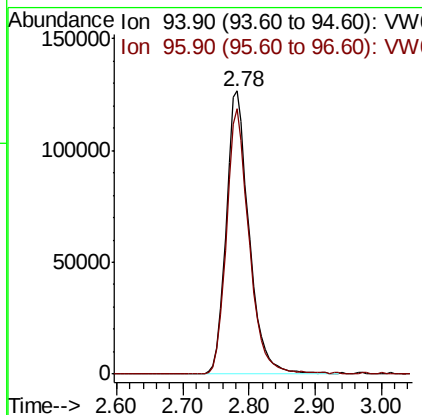
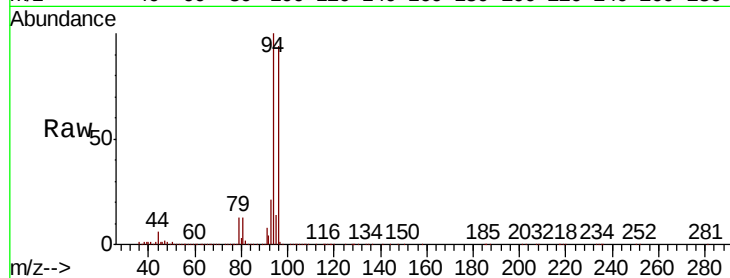
96 93.9 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 51.60 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004501.D

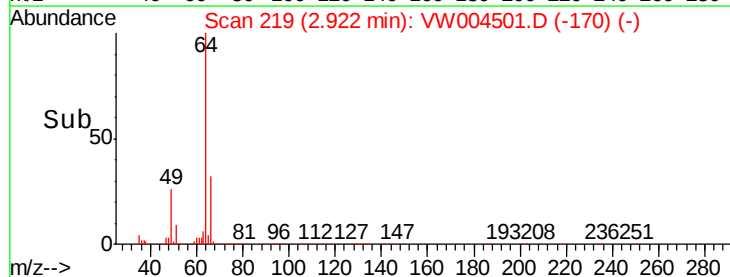
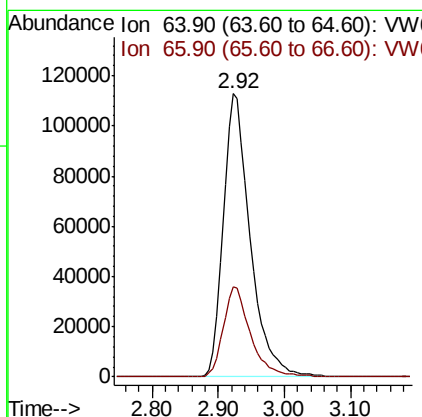
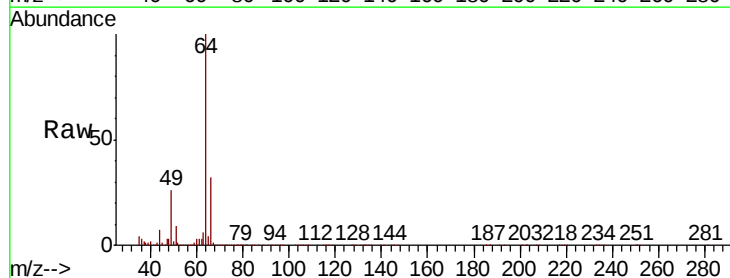
Acq: 07 Aug 2018 19:02

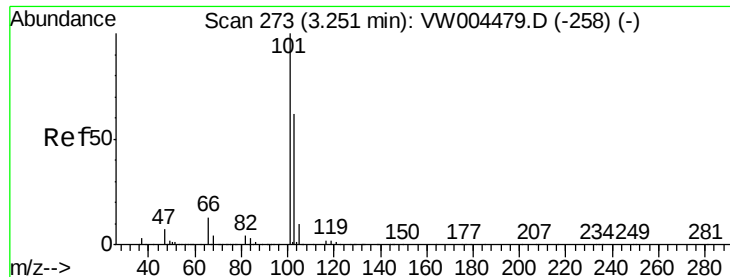
Tgt Ion: 64 Resp: 316201

Ion Ratio Lower Upper

64 100

66 31.9 24.6 36.8





#7

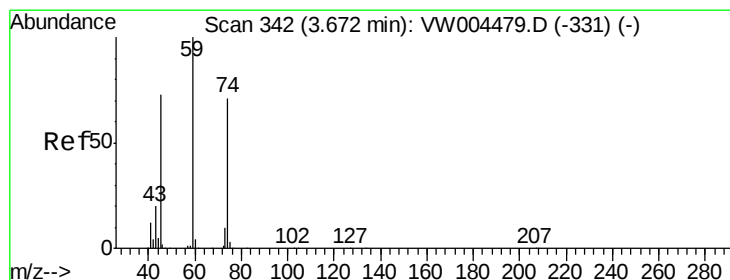
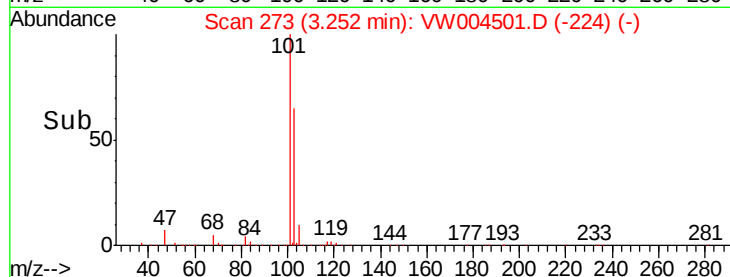
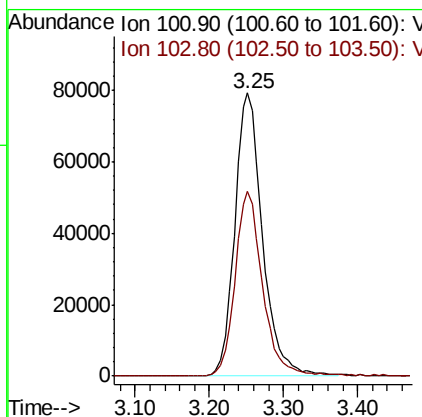
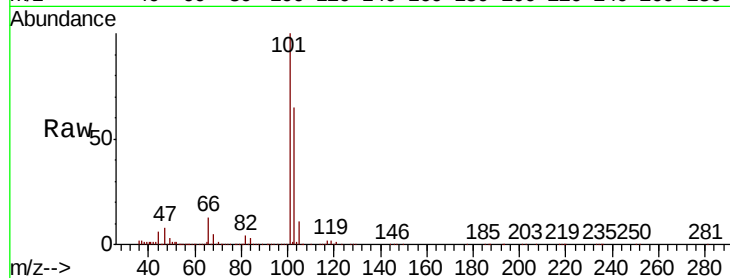
Trichlorofluoromethane
 Concen: 54.57 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	49.8	74.8

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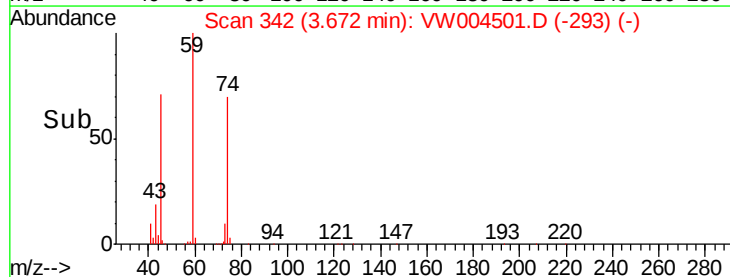
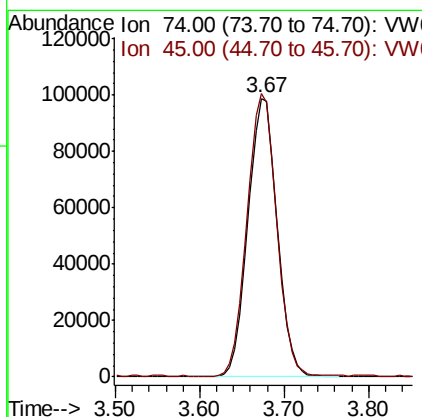
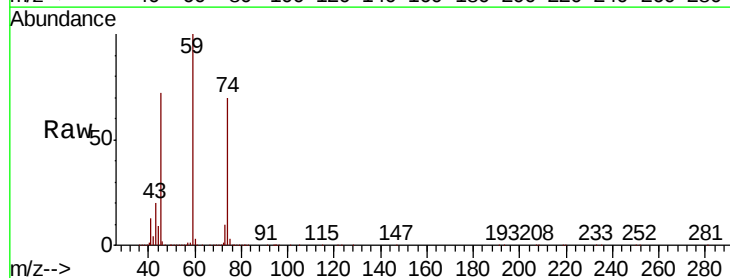
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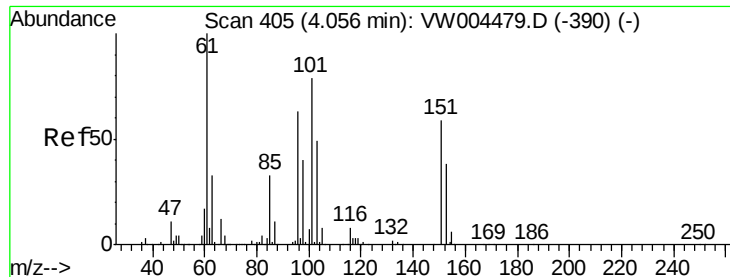


#8

Diethyl Ether
 Concen: 48.23 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.42 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

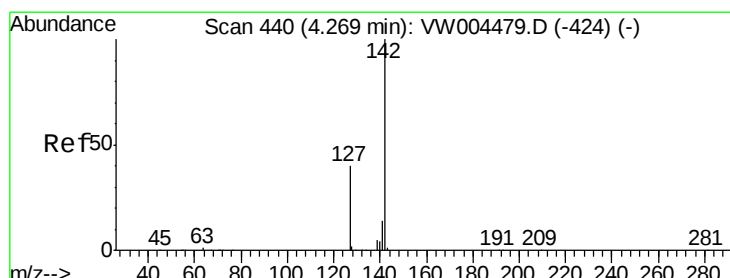
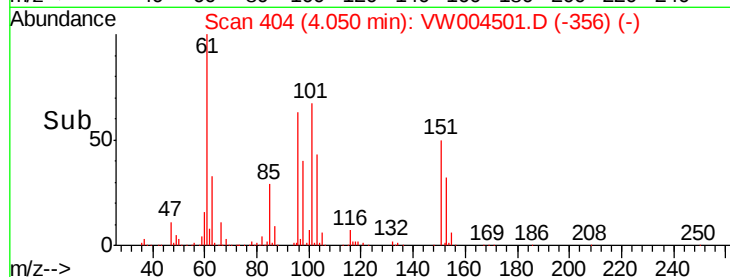
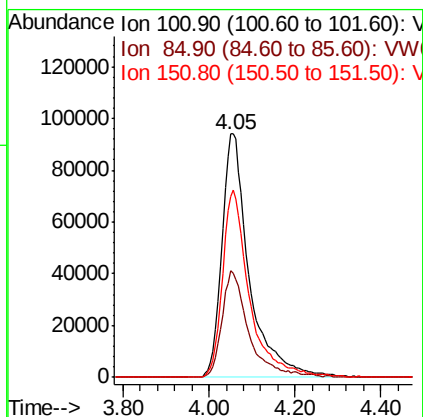
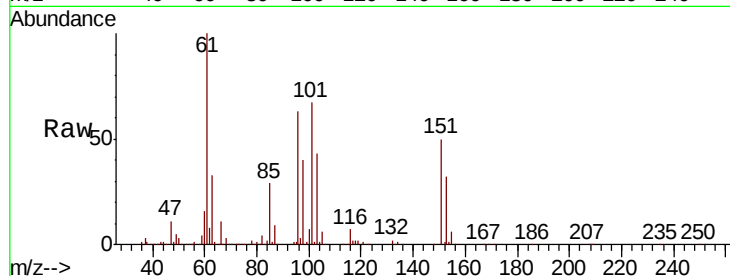
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	421863
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.6	51.8
151	75.3	61.3	91.9

Manual Integrations
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#10

Methyl Iodide

Concen: 50.26 ug/l

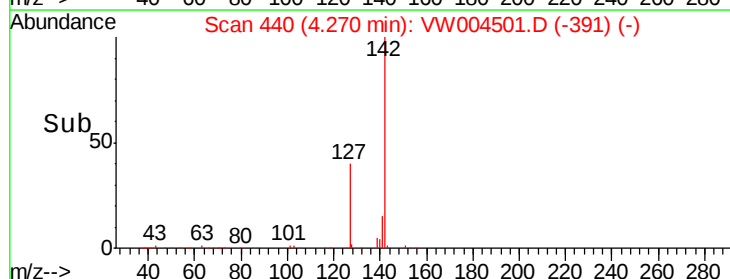
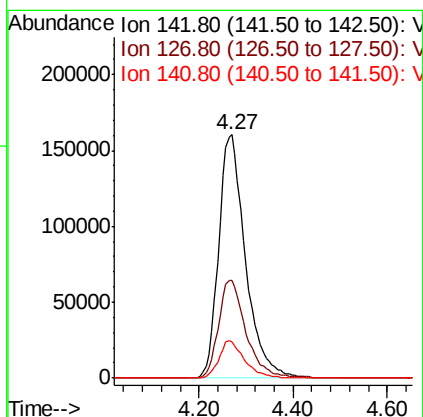
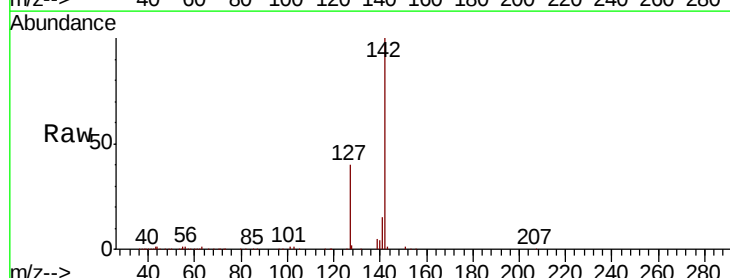
RT: 4.27 min Scan# 440

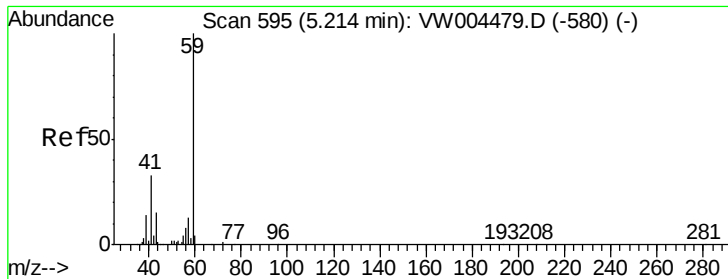
Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion:	142	Resp:	630928
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.7	49.1
141	14.7	11.5	17.3





#11

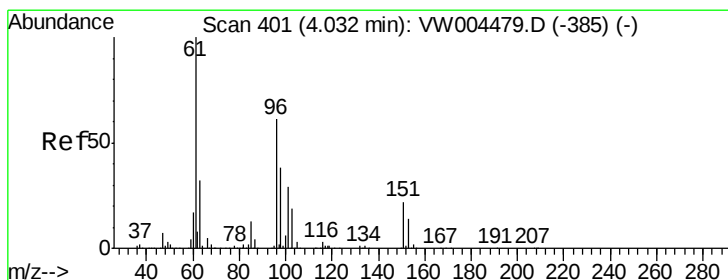
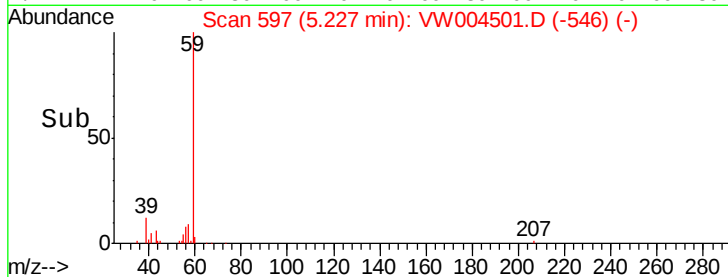
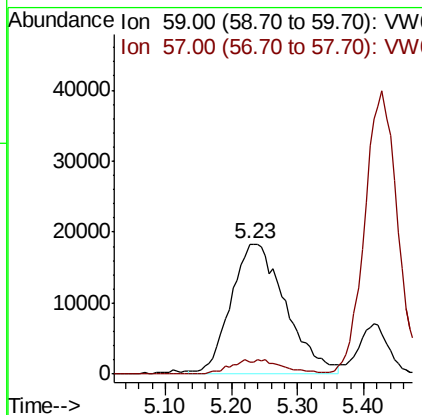
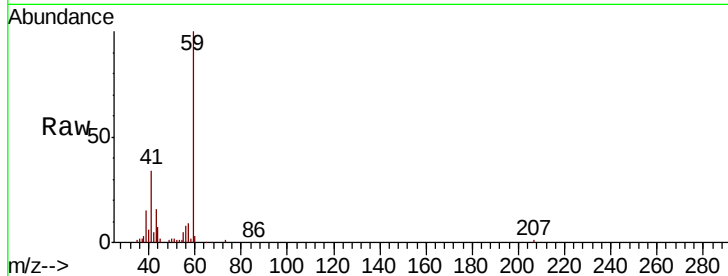
Tert butyl alcohol
Concen: 209.64 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	9.1	13.7#

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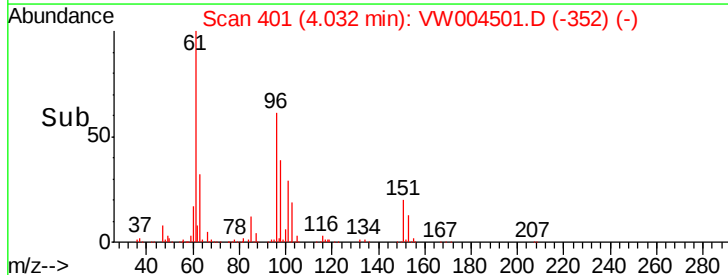
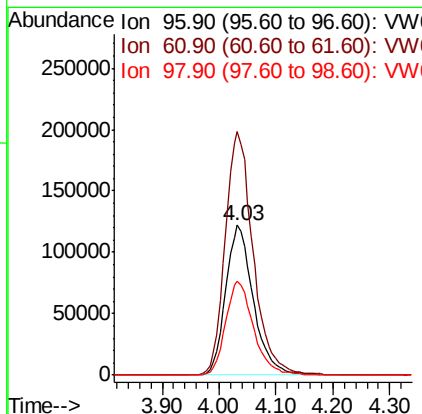
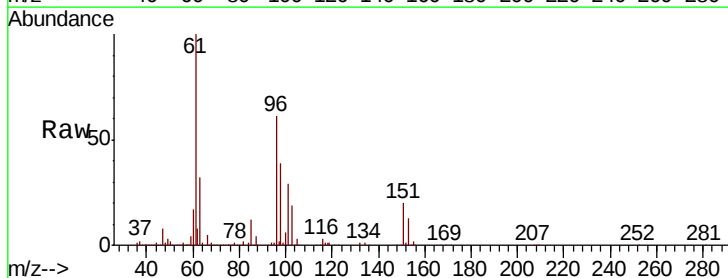
apatel
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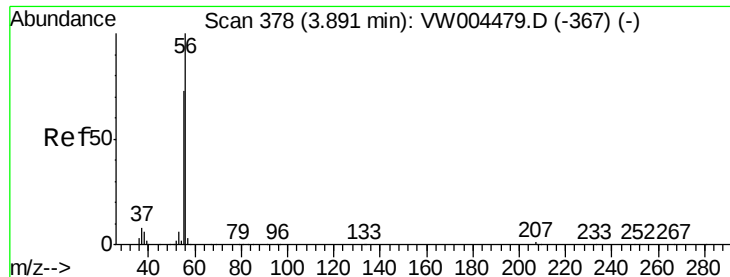


#12

1,1-Dichloroethene
Concen: 49.14 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.7	130.6	195.8
98	63.0	49.6	74.4





#13

Acrolein

Concen: 262.44 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 160044

Ion Ratio Lower Upper

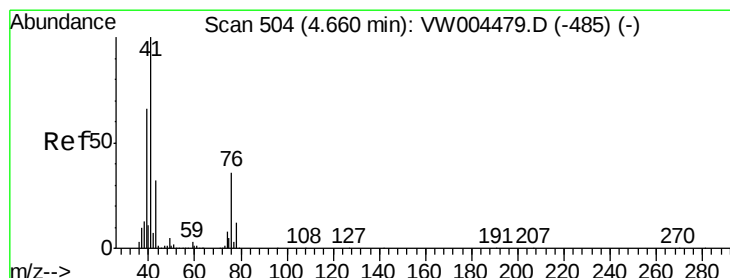
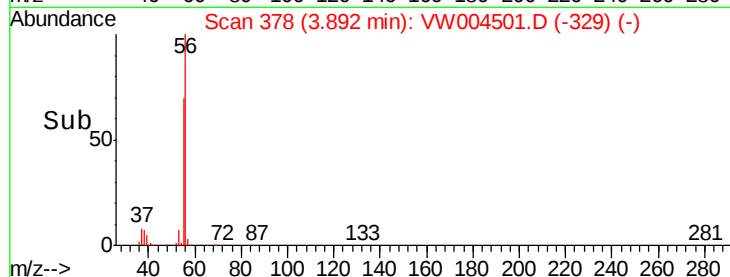
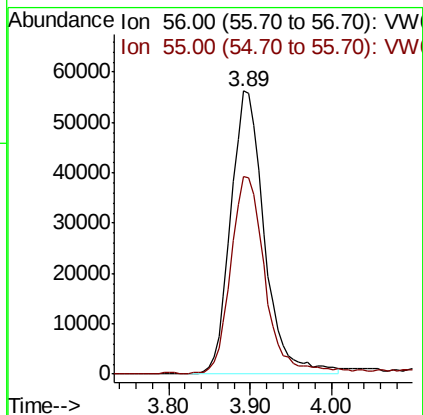
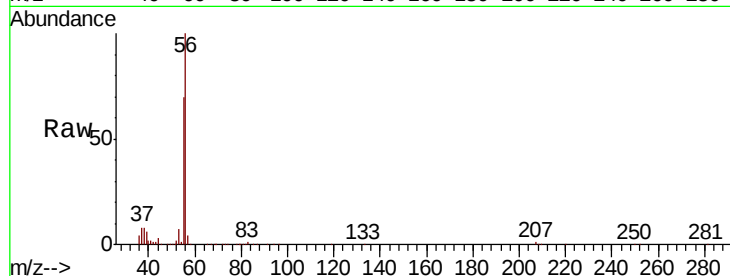
56 100

55 70.5 56.7 85.1

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#14

Allyl chloride

Concen: 52.93 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

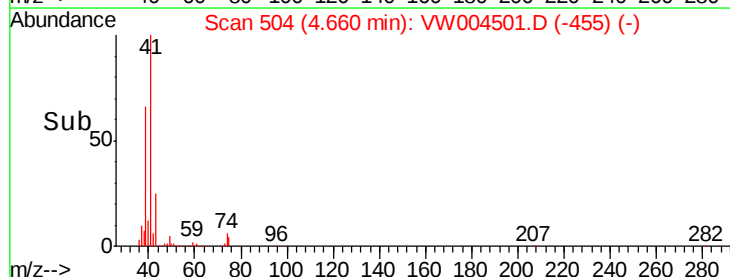
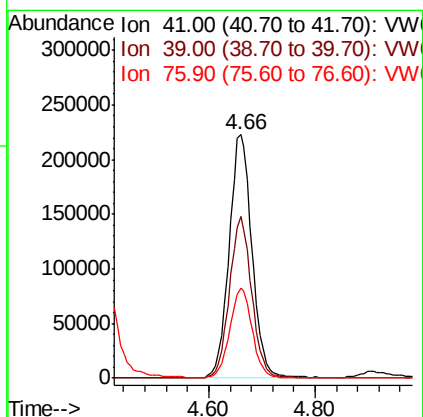
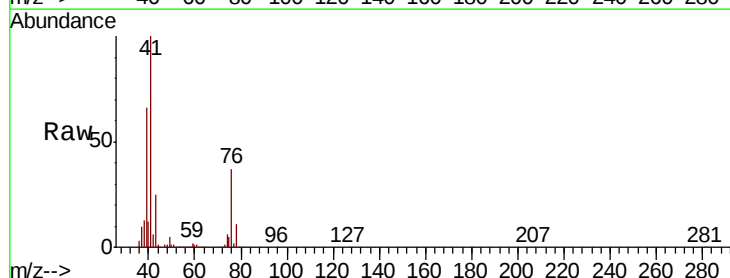
Tgt Ion: 41 Resp: 669657

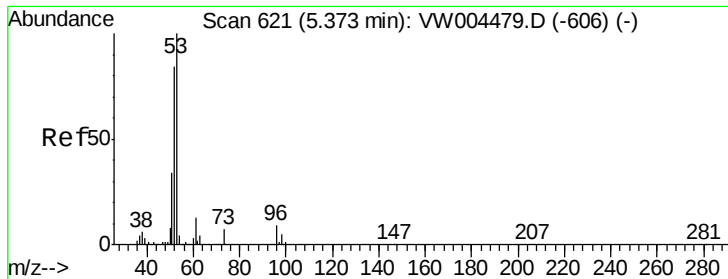
Ion Ratio Lower Upper

41 100

39 63.9 51.9 77.9

76 36.2 29.0 43.6





#15

Acrylonitrile

Concen: 237.06 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

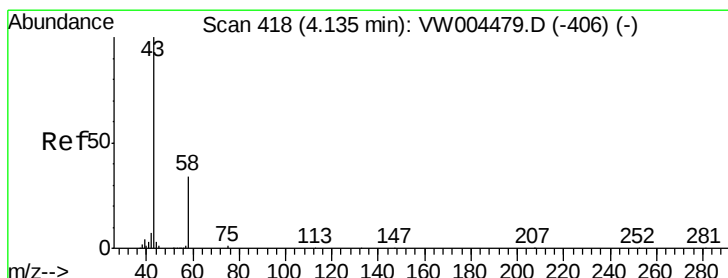
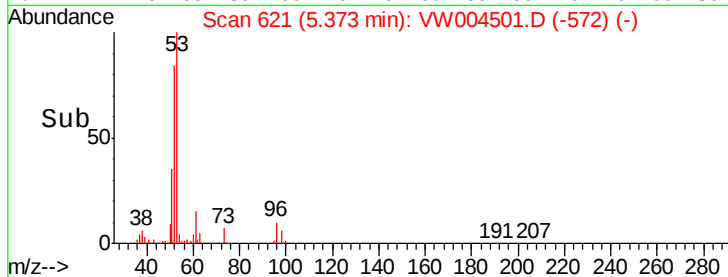
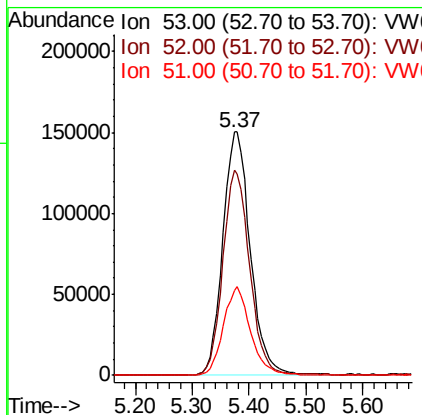
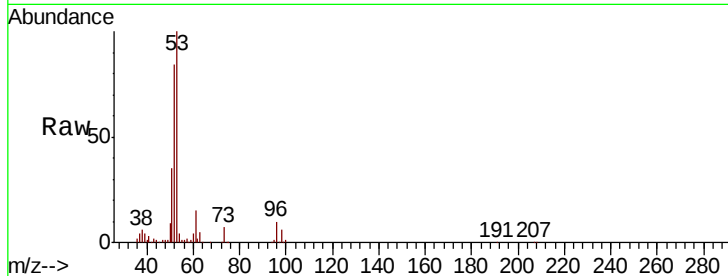
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	504802
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	35.7	28.4	42.6

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#16

Acetone

Concen: 243.62 ug/l

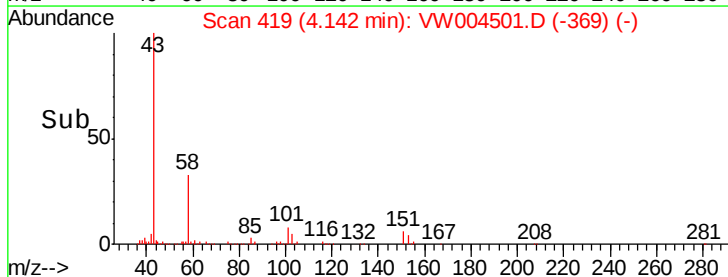
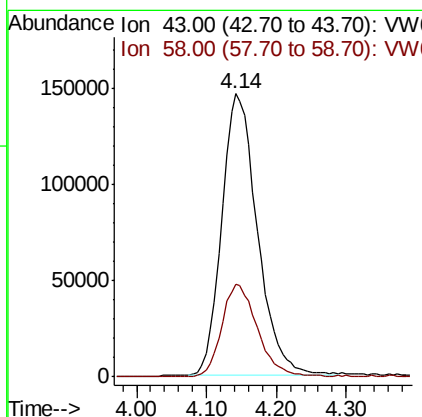
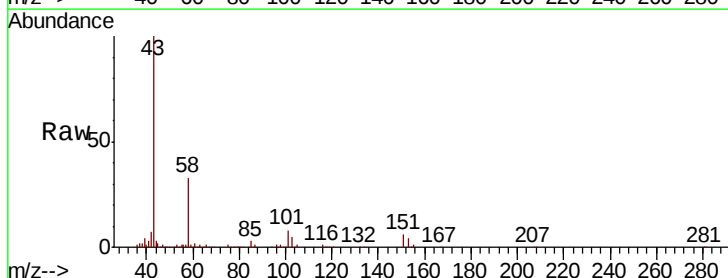
RT: 4.14 min Scan# 419

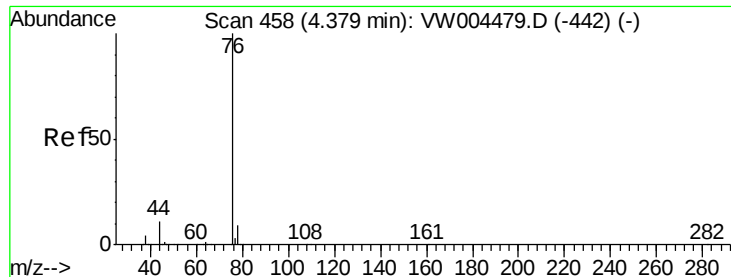
Delta R.T. 0.01 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion:	43	Resp:	517187
Ion Ratio	Lower	Upper	
43	100		
58	32.4	26.8	40.2





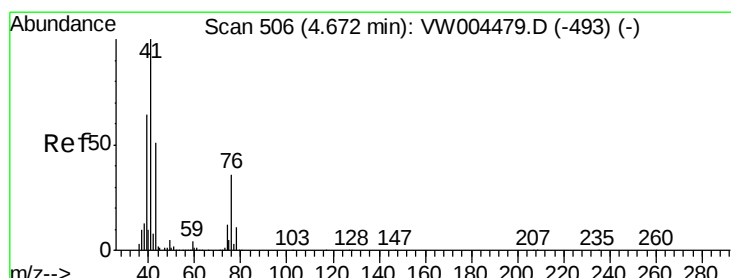
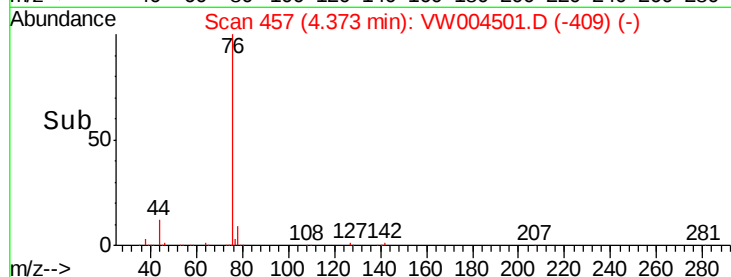
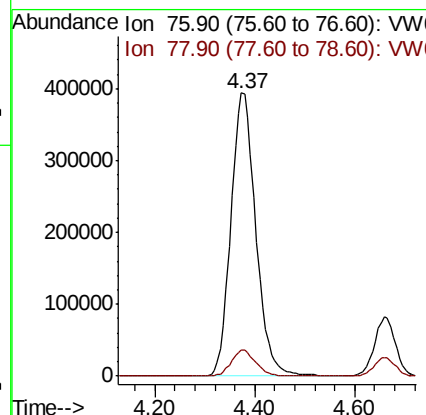
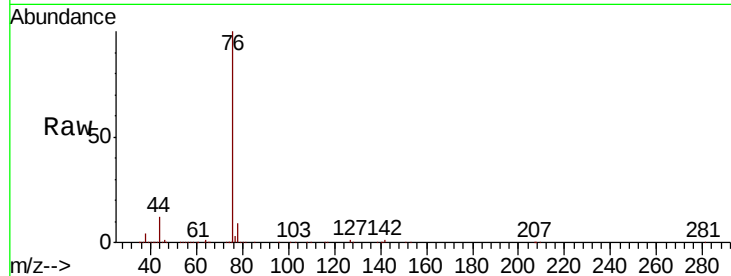
#17
Carbon Disulfide
Concen: 50.55 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1367925
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

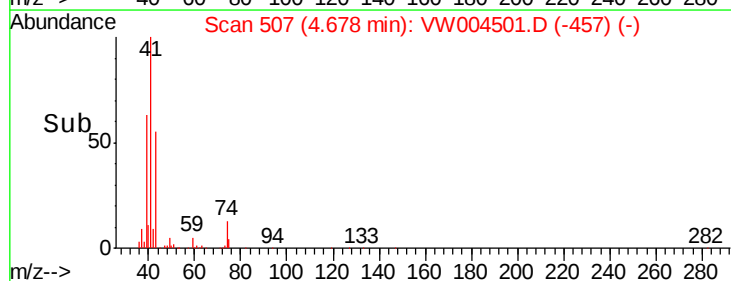
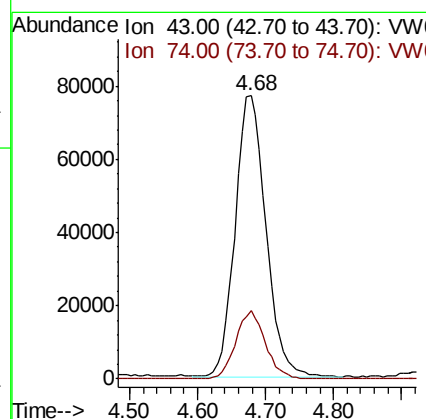
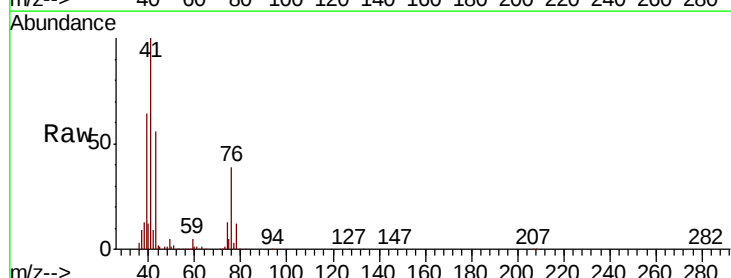
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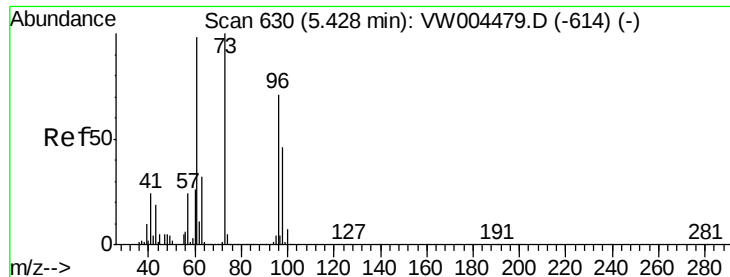
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#18
Methyl Acetate
Concen: 45.52 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion: 43 Resp: 240954
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7





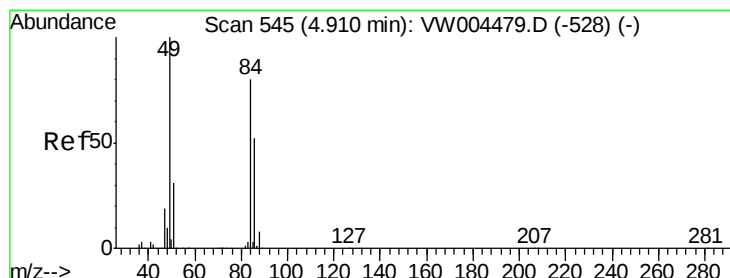
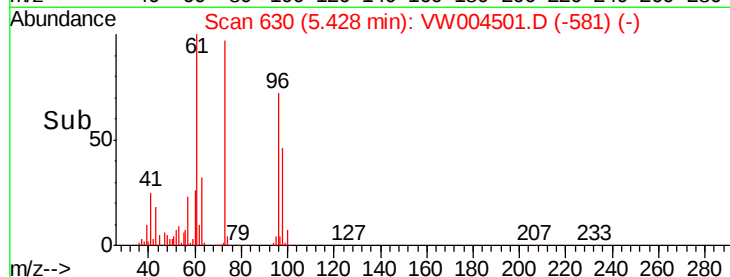
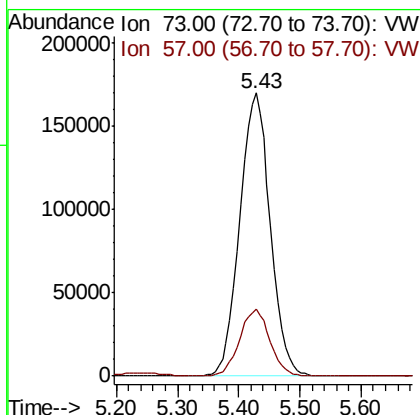
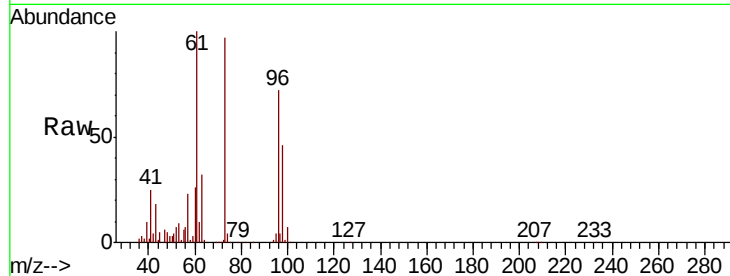
#19
Methyl tert-butyl Ether
Concen: 51.00 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.6	29.4

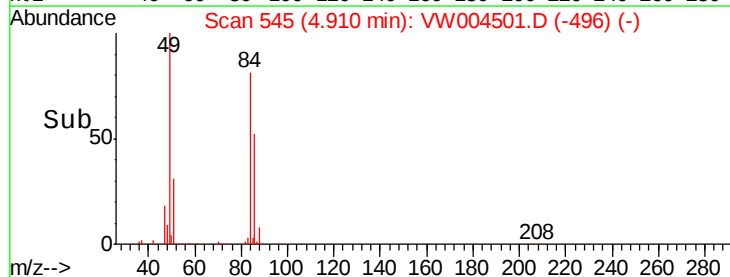
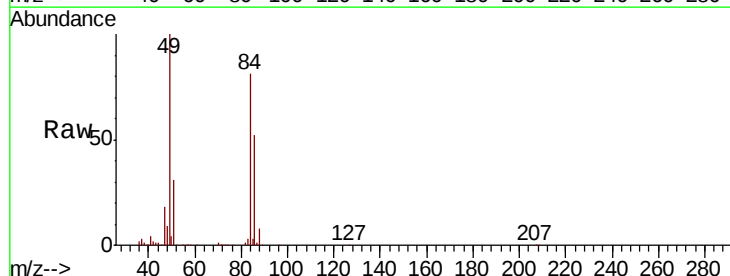
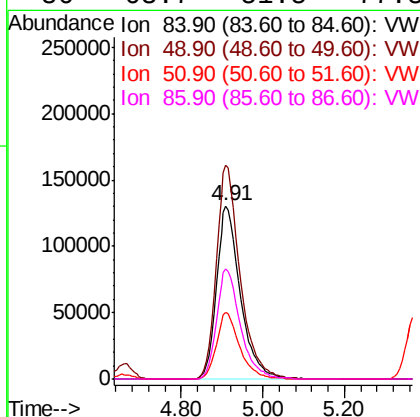
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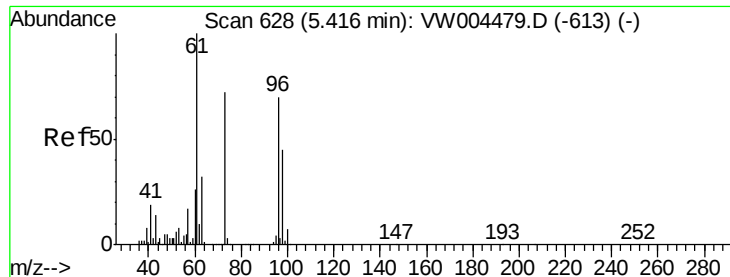
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#20
Methylene Chloride
Concen: 51.83 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	99.6	149.4
51	38.4	31.0	46.4
86	63.7	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 50.74 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

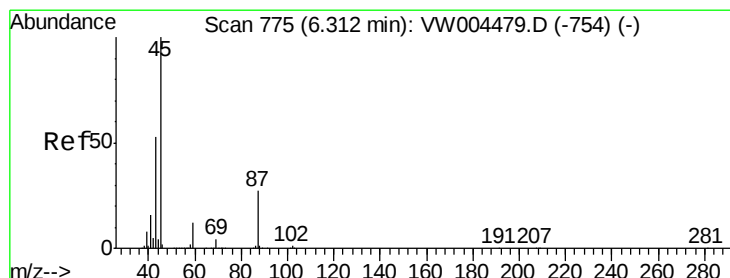
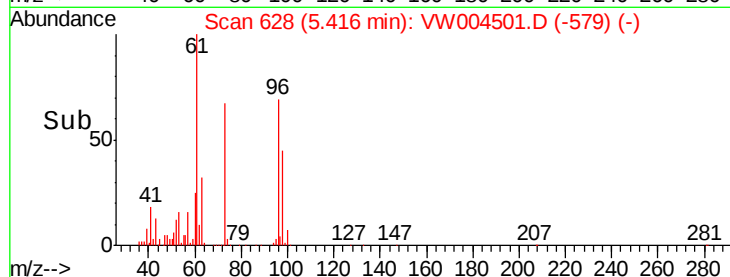
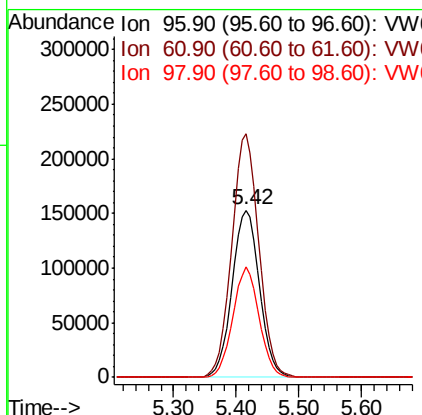
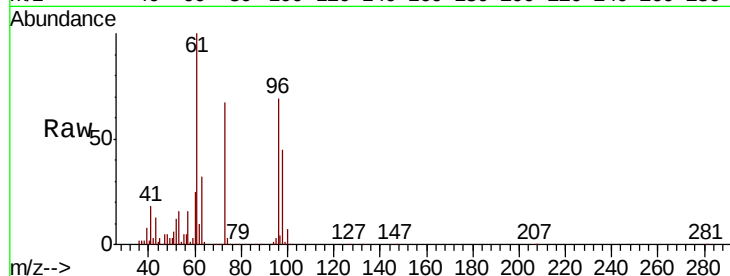
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	460446
Ion	Ratio	Lower	Upper
96	100		
61	145.6	114.1	171.1
98	65.9	51.4	77.2

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#22

Diisopropyl ether

Concen: 53.38 ug/l

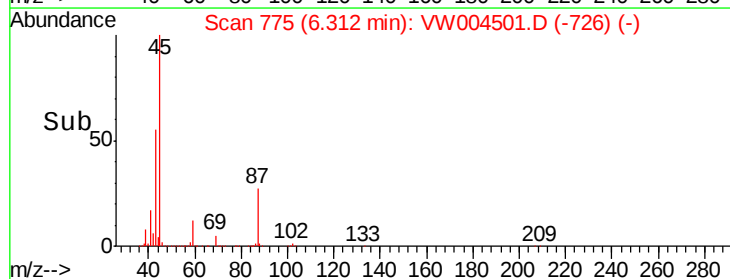
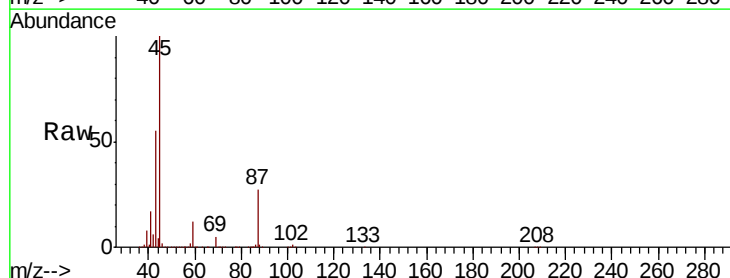
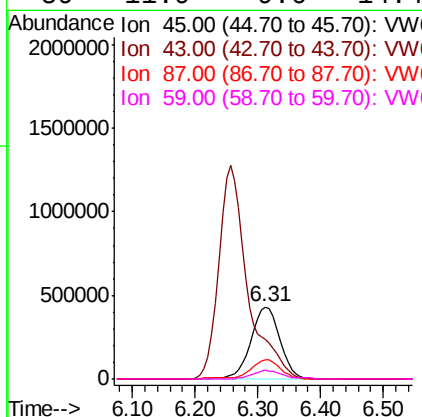
RT: 6.31 min Scan# 775

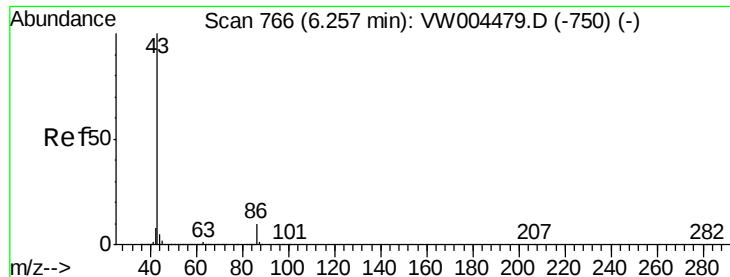
Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion:	45	Resp:	1387905
Ion	Ratio	Lower	Upper
45	100		
43	54.7	42.4	63.6
87	27.1	21.6	32.4
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 260.55 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 4071452

Ion Ratio Lower Upper

43 100

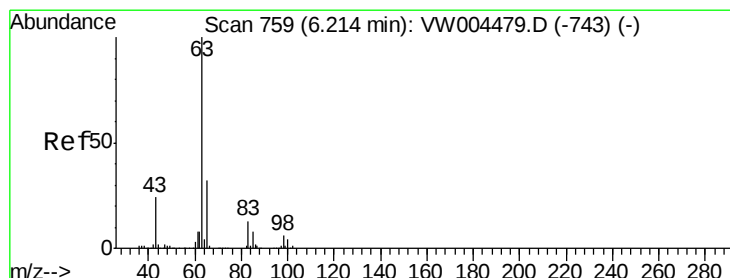
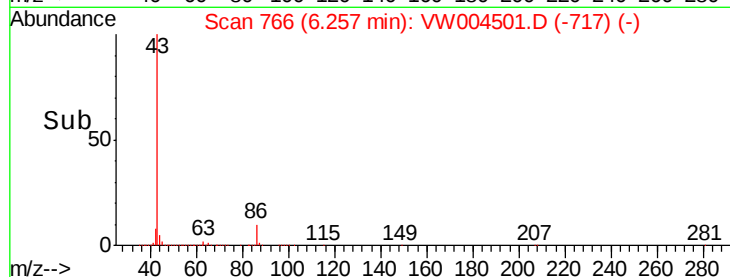
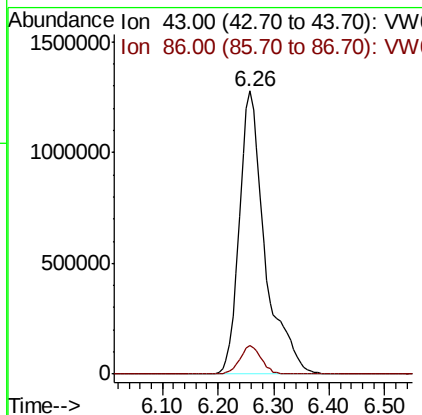
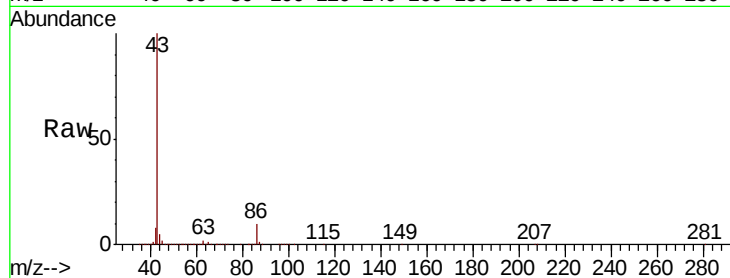
86 10.0 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 50.74 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

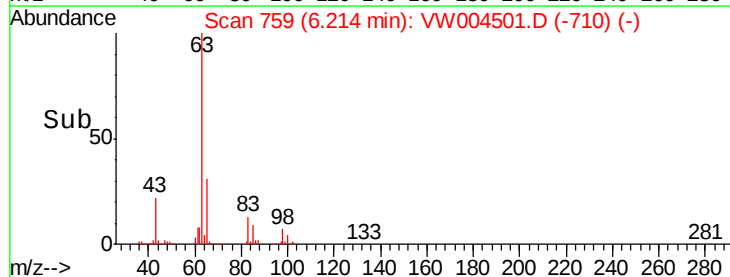
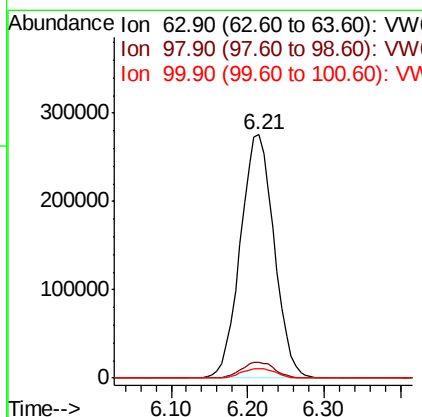
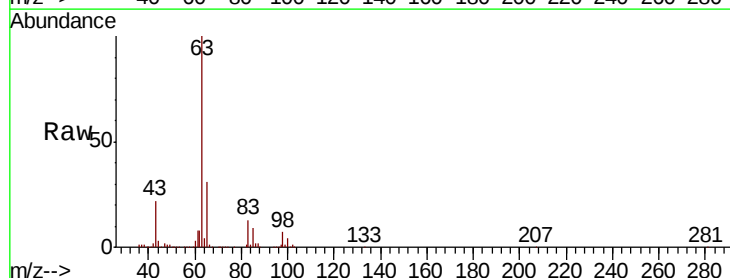
Tgt Ion: 63 Resp: 844517

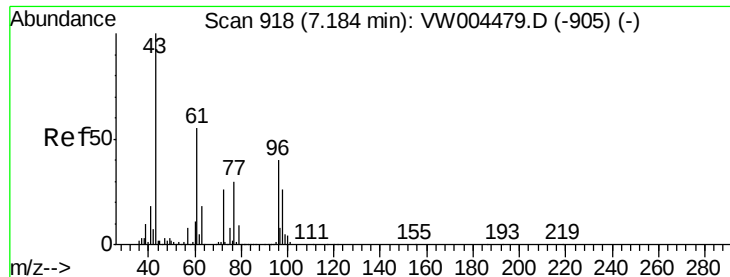
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.3

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 237.47 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 810936

Ion Ratio Lower Upper

43 100

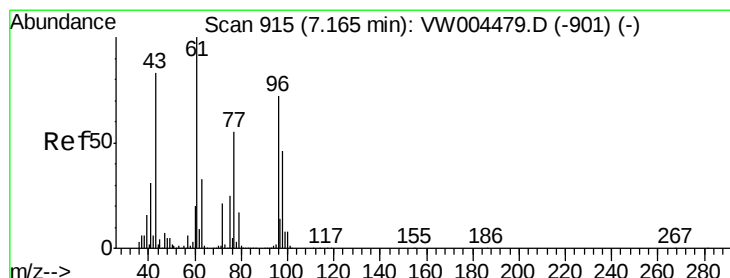
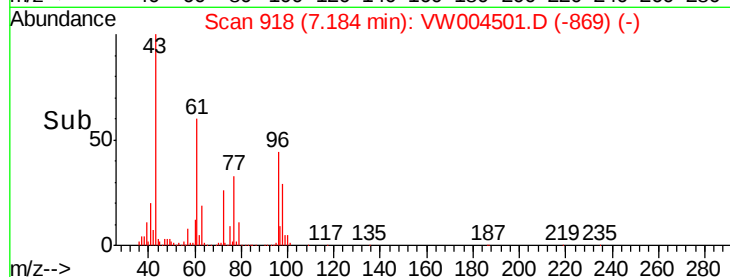
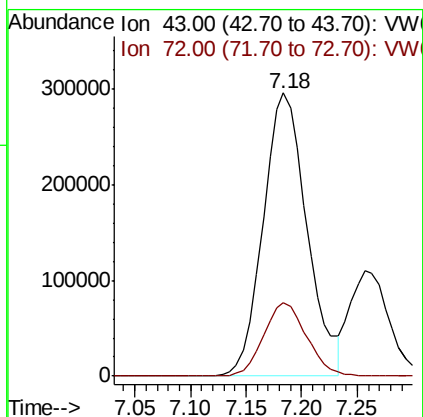
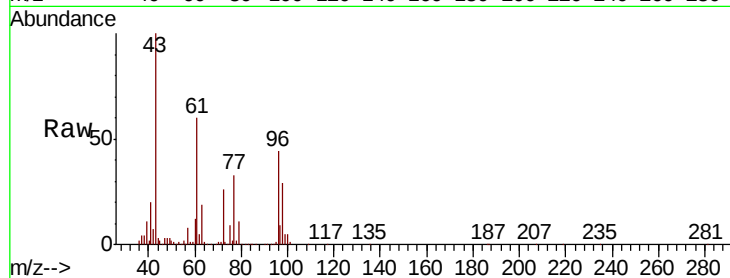
72 26.2 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.47 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004501.D

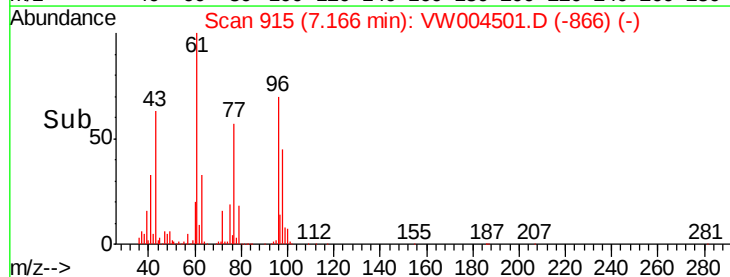
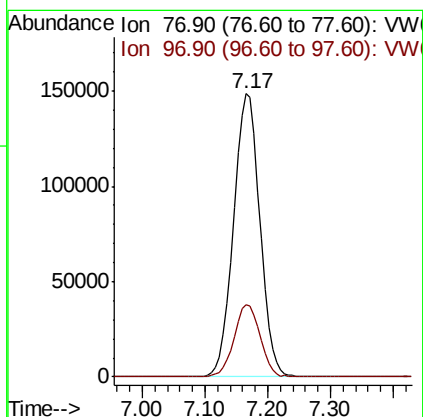
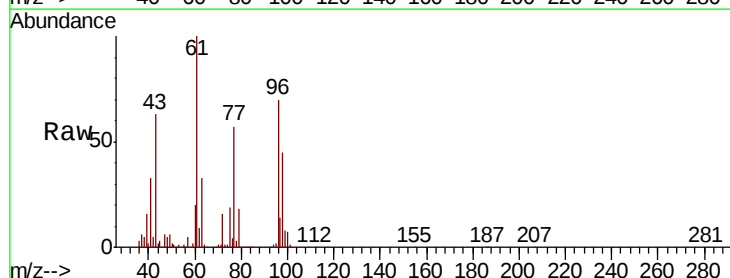
Acq: 07 Aug 2018 19:02

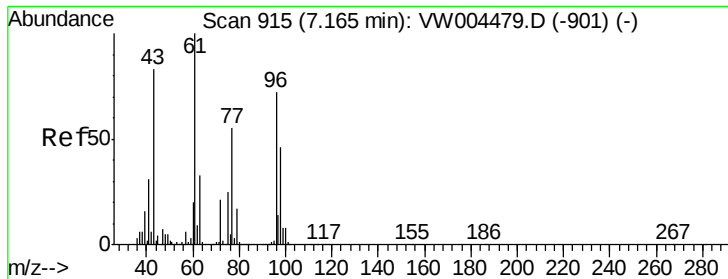
Tgt Ion: 77 Resp: 432094

Ion Ratio Lower Upper

77 100

97 25.2 12.5 37.5





#27

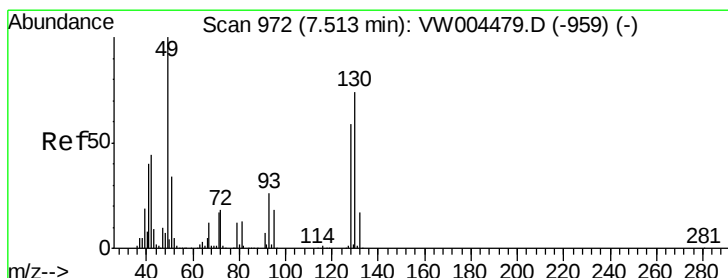
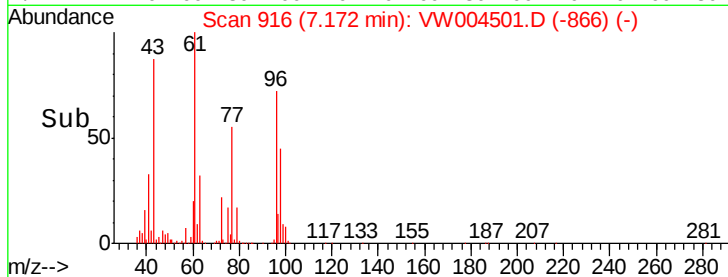
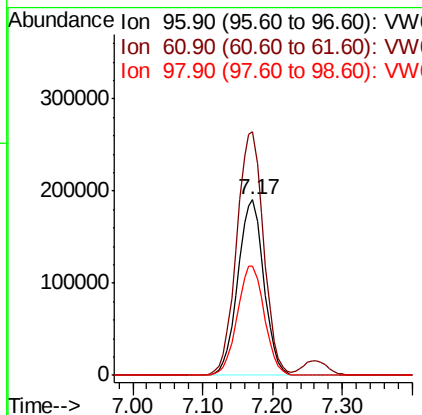
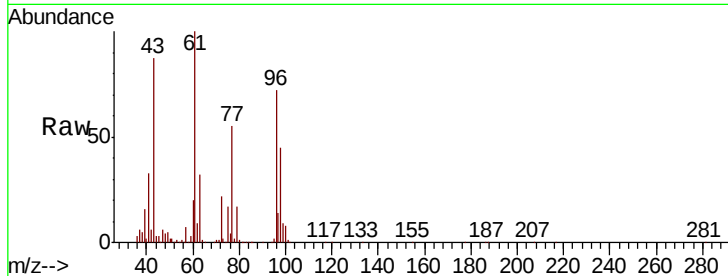
cis-1,2-Dichloroethene
Concen: 50.53 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	493382		
61	143.1	0.0	285.0	
98	64.6	0.0	128.6	

Manual Integrations
APPROVED

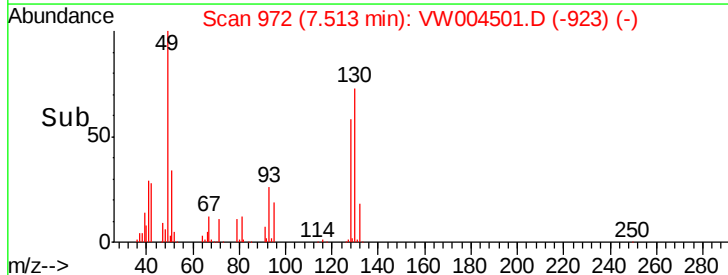
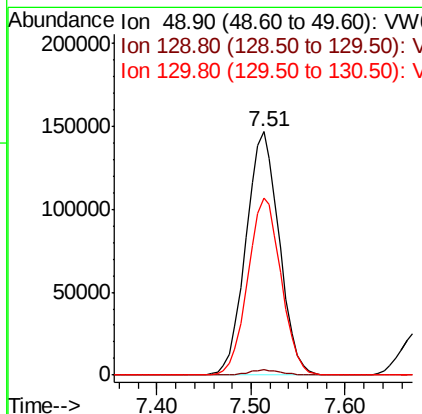
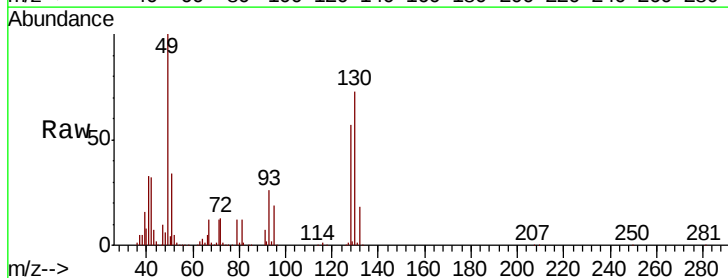
apatel
8/8/2018 2:24:28 PM

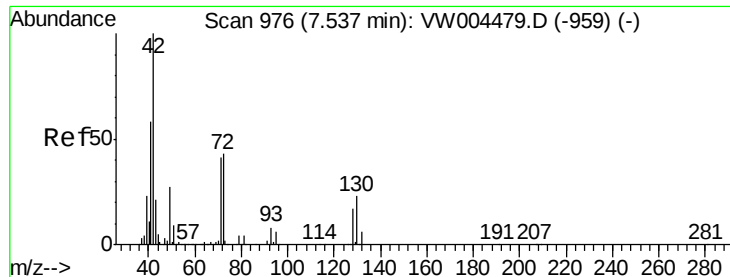


#28

Bromochloromethane
Concen: 50.39 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	364893		
129	1.9	0.0	4.0	
130	72.7	58.8	88.2	





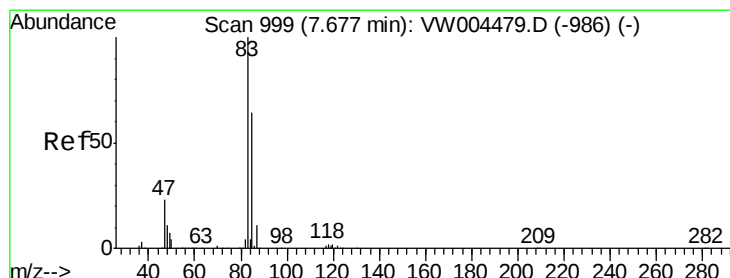
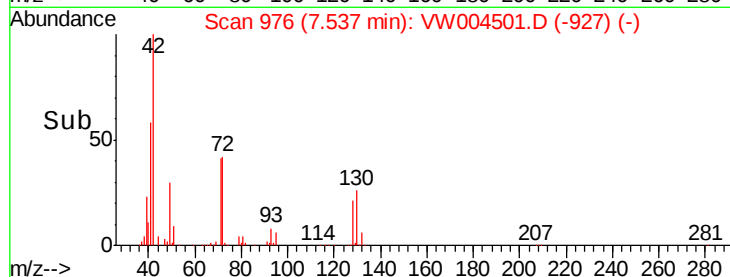
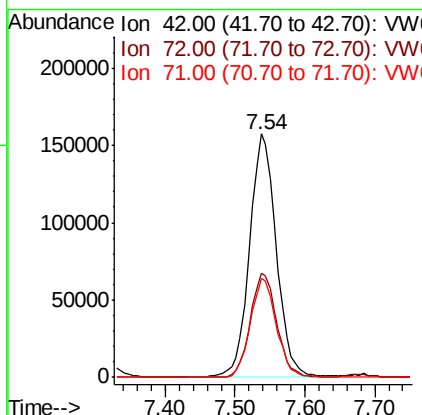
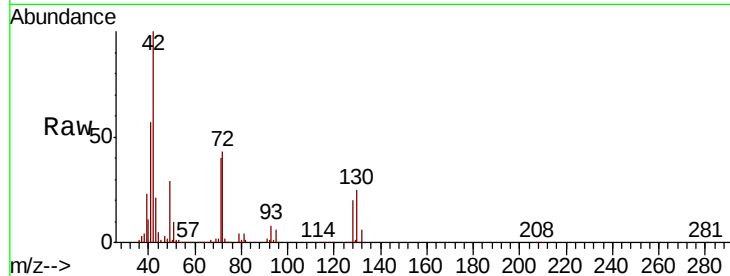
#29
Tetrahydrofuran
Concen: 236.24 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	417050
Ion Ratio		Lower	Upper
42	100		
72	42.4	34.1	51.1
71	39.5	32.5	48.7

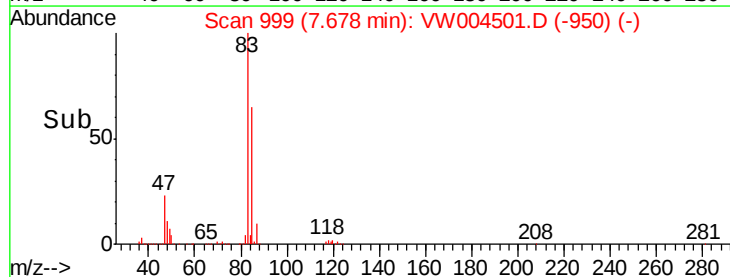
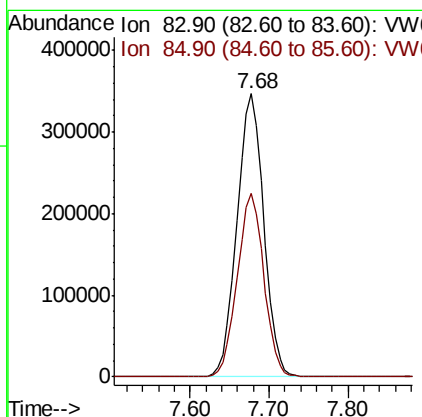
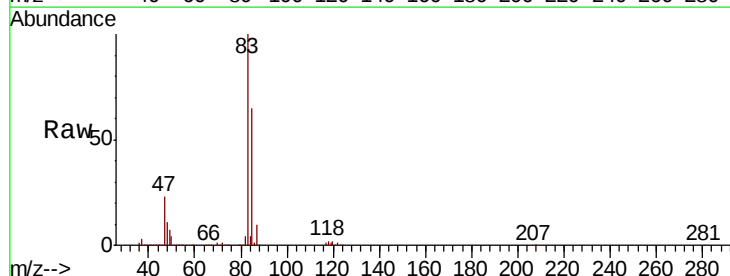
Manual Integrations
APPROVED

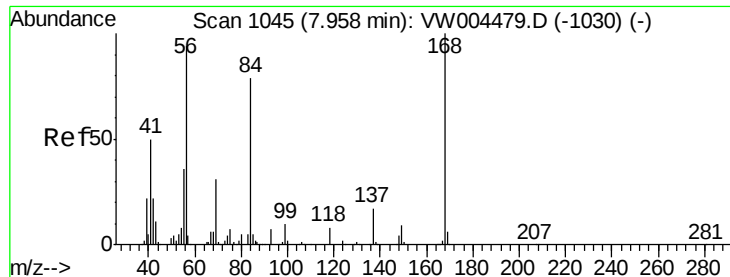
apatel
8/8/2018 2:24:28 PM



#30
Chloroform
Concen: 50.22 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion:	83	Resp:	820964
Ion Ratio		Lower	Upper
83	100		
85	64.7	51.3	76.9





#31

Cyclohexane

Concen: 50.03 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

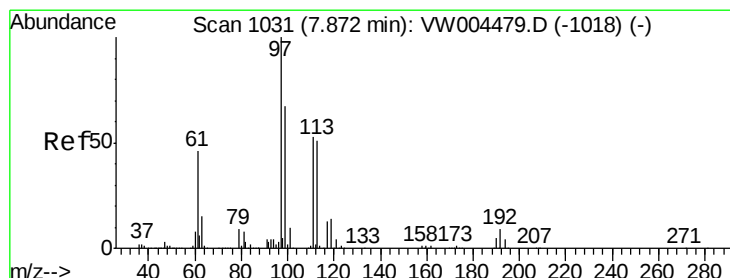
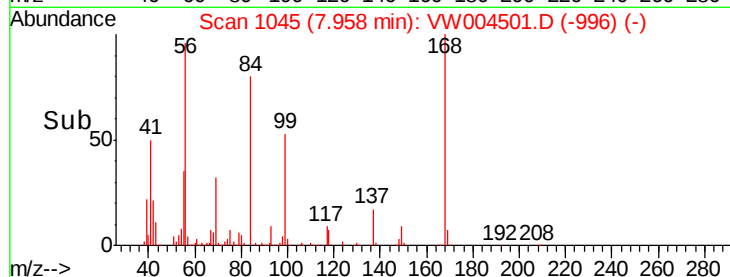
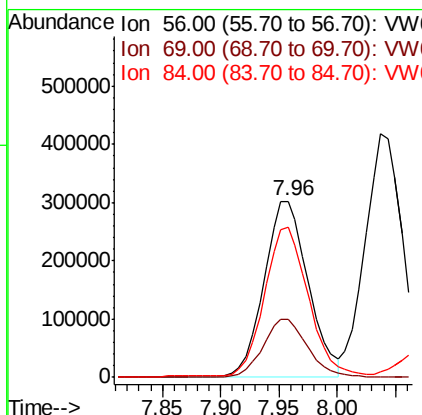
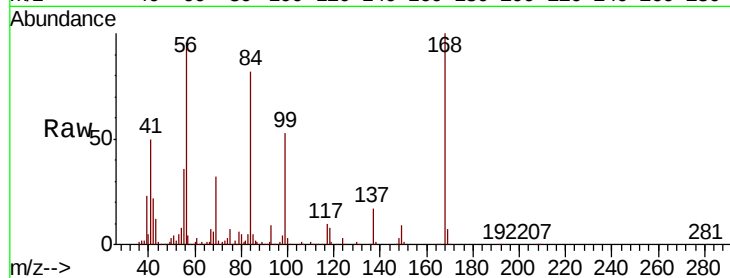
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	796675
Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.4	39.6
84	84.2	66.9	100.3

Manual Integrations
APPROVED

apatel
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#32

1,1,1-Trichloroethane

Concen: 51.09 ug/l

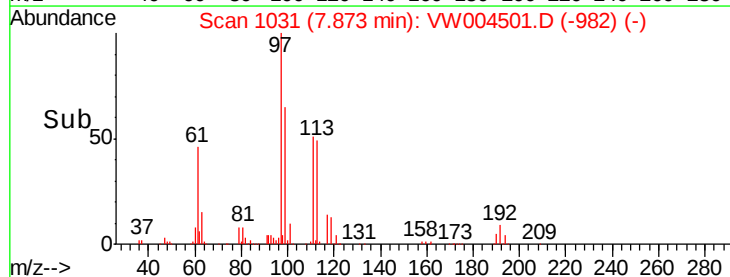
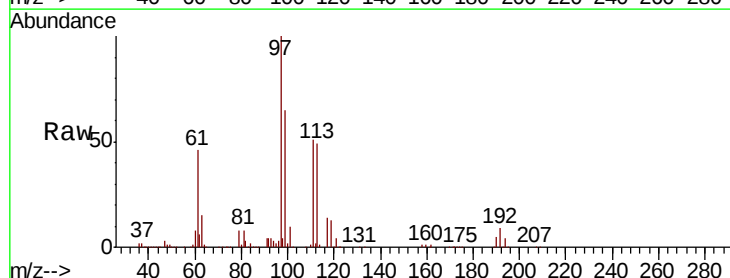
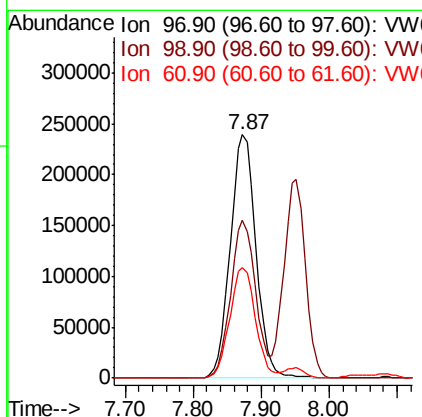
RT: 7.87 min Scan# 1031

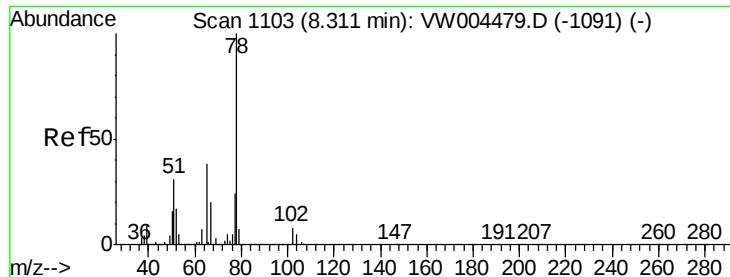
Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion	97	Resp	627282
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	45.1	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 49.74 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 422802

Ion Ratio Lower Upper

65 100

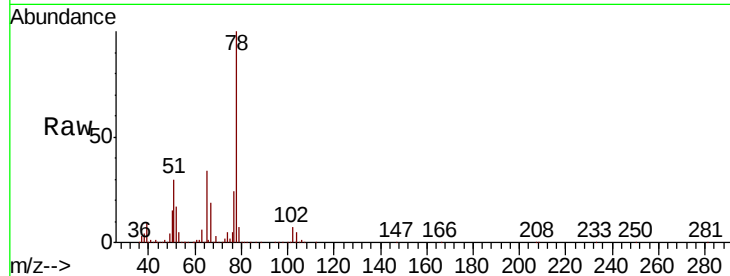
67 54.4 0.0 109.0

Manual Integrations

APPROVED

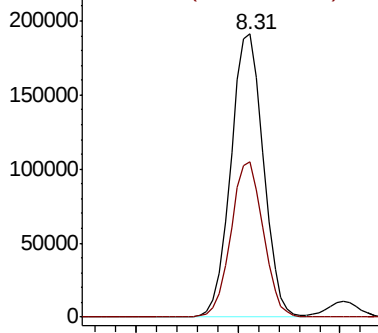
apatel

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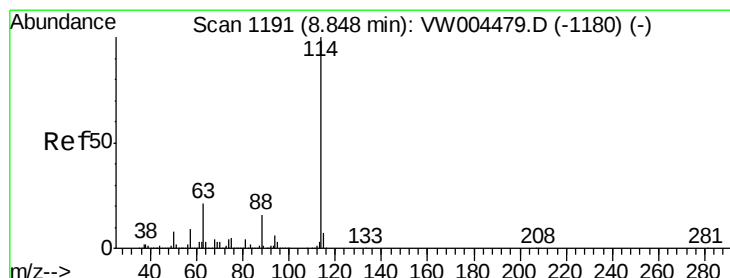
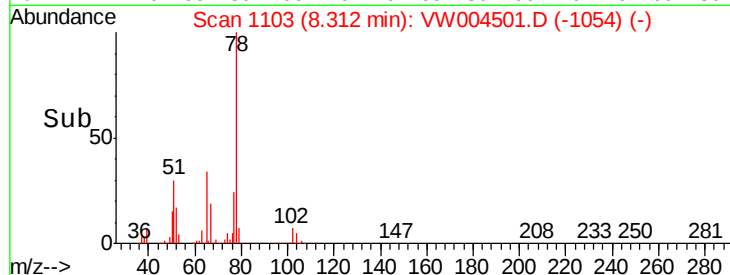


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

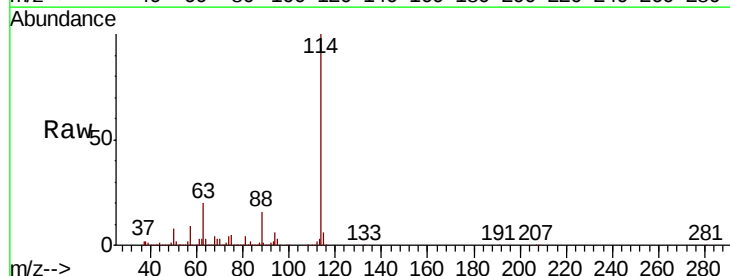
Tgt Ion: 114 Resp: 1187786

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

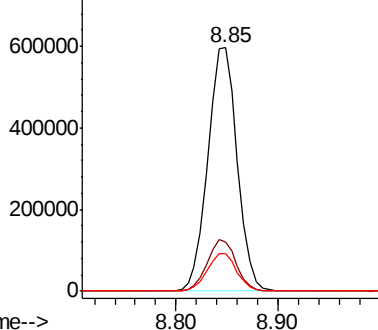
88 15.6 0.0 31.2



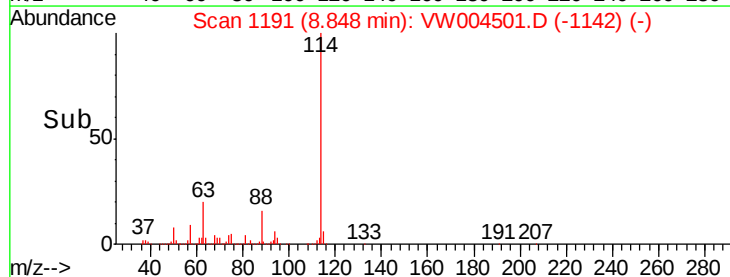
Abundance Ion 113.90 (113.60 to 114.60): V

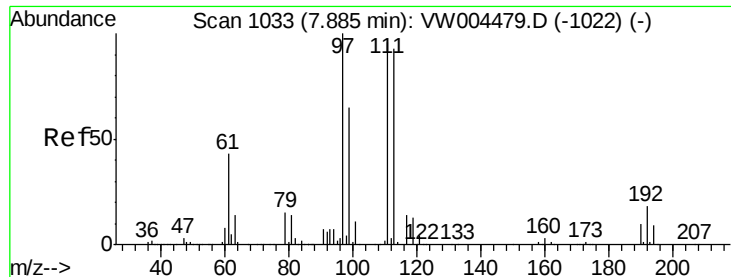
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->





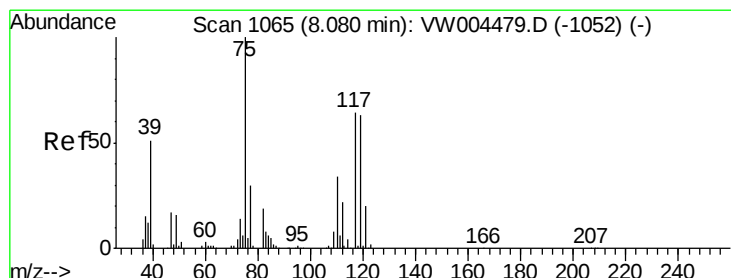
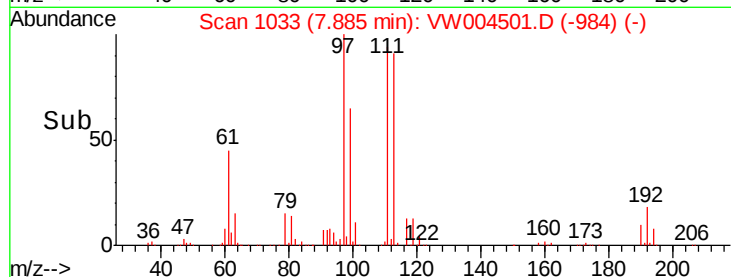
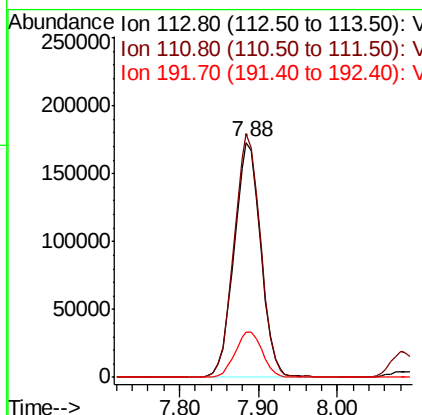
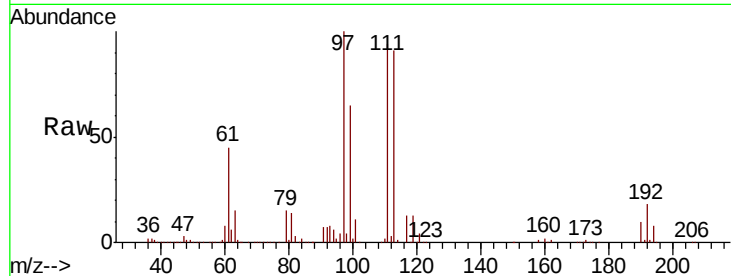
#35
Dibromofluoromethane
Concen: 51.29 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	406238		
111	102.8	82.9	124.3	
192	19.8	15.8	23.6	

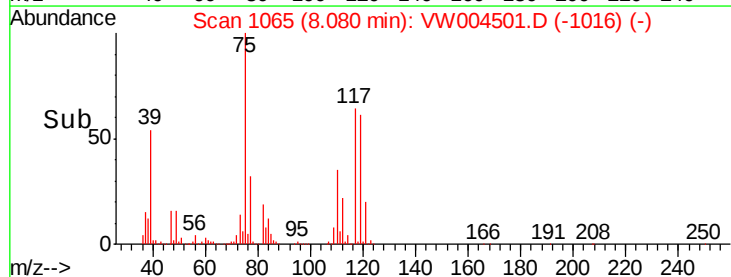
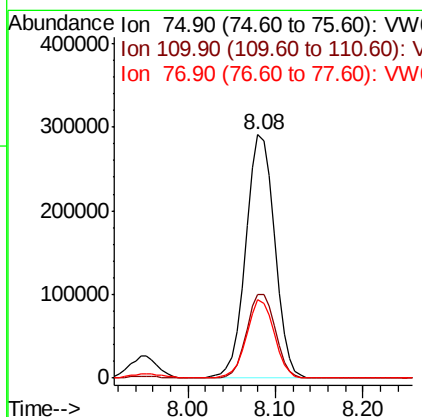
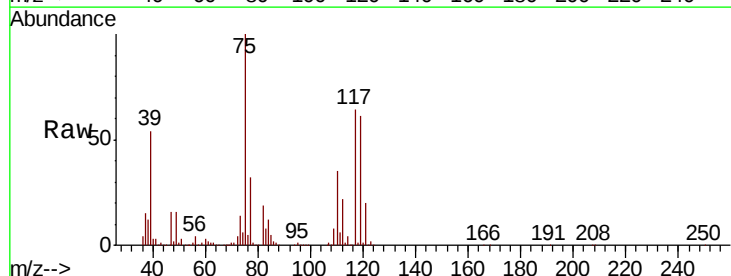
Manual Integrations
APPROVED

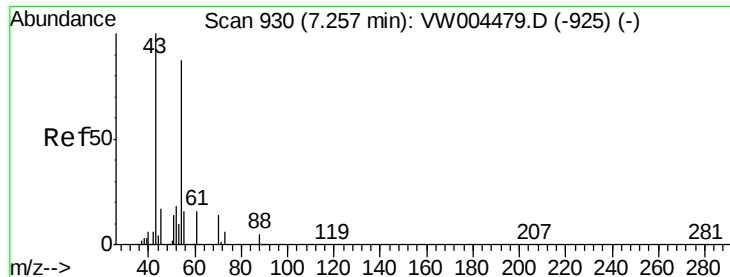
apatel
8/8/2018 2:24:28 PM



#36
1,1-Dichloropropene
Concen: 52.17 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	667234		
110	34.5	17.4	52.2	
77	31.0	24.7	37.1	





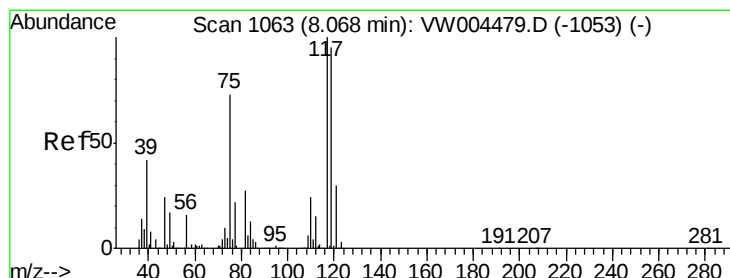
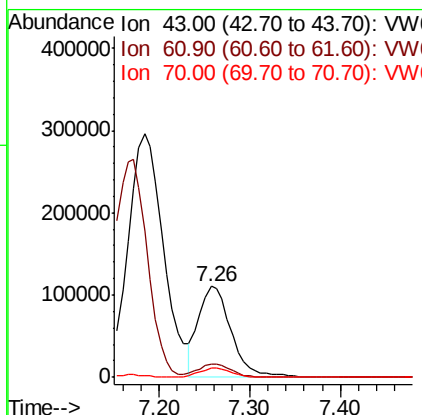
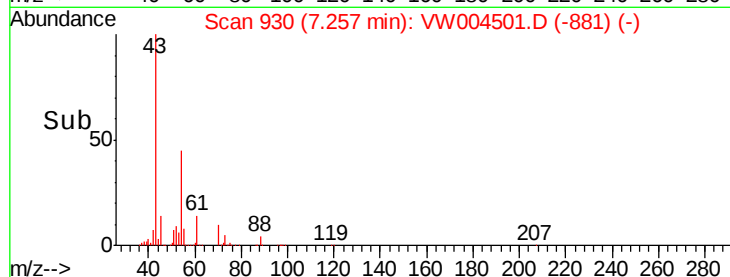
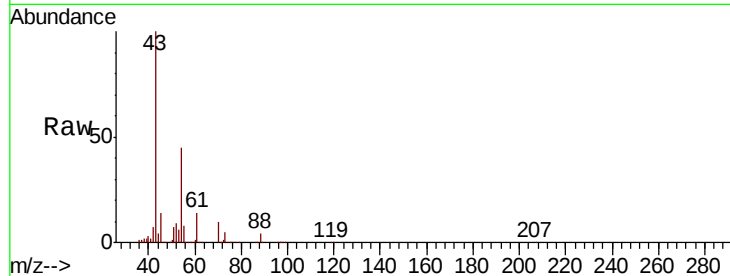
#37
Ethyl Acetate
Concen: 45.96 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	275310
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.9	17.9
70	10.9	8.2	12.4

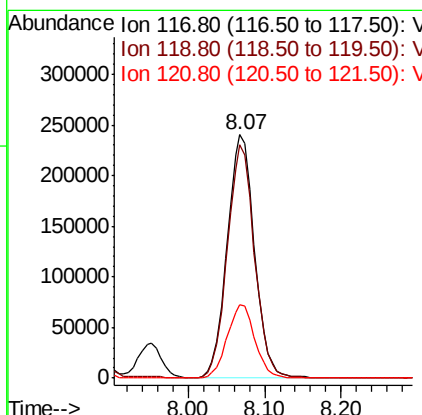
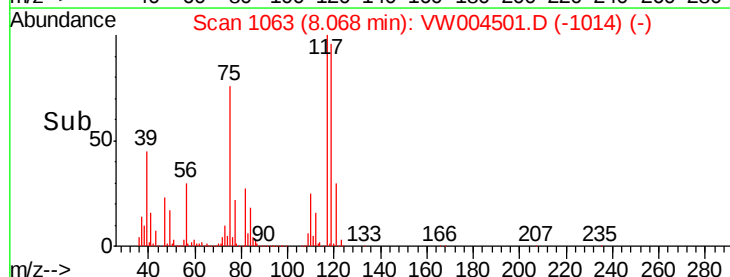
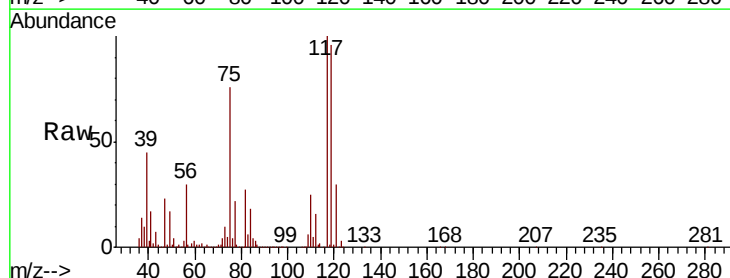
Manual Integrations
APPROVED

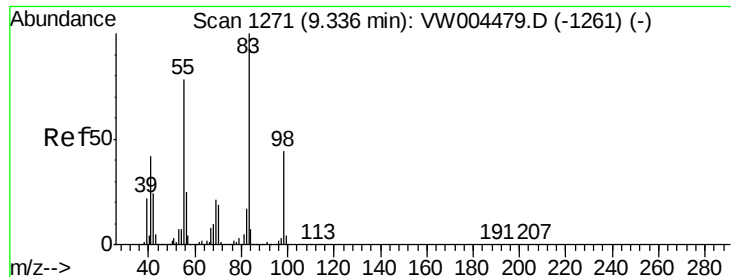
apatel
8/8/2018 2:24:28 PM



#38
Carbon Tetrachloride
Concen: 51.52 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	117	Resp	592899
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.1	114.1
121	30.4	24.2	36.4





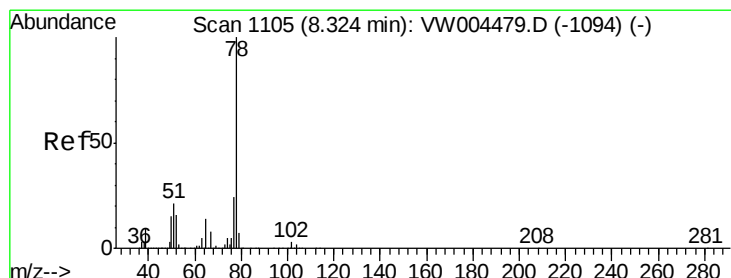
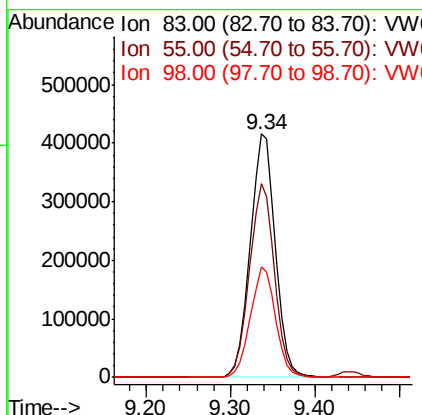
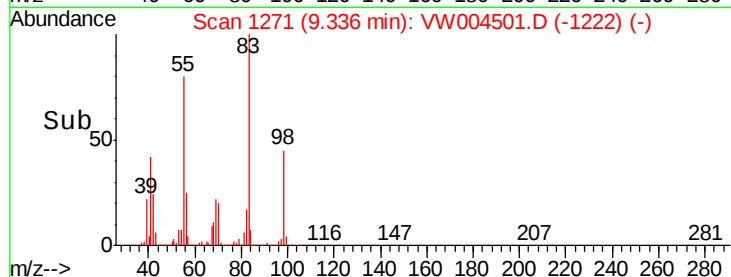
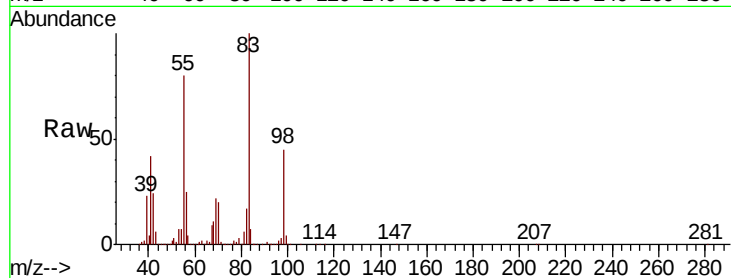
#39
Methvlcvclohexane
Concen: 53.35 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	62.5	93.7
98	45.2	35.4	53.2

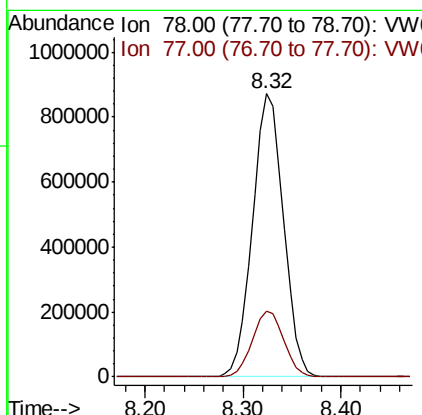
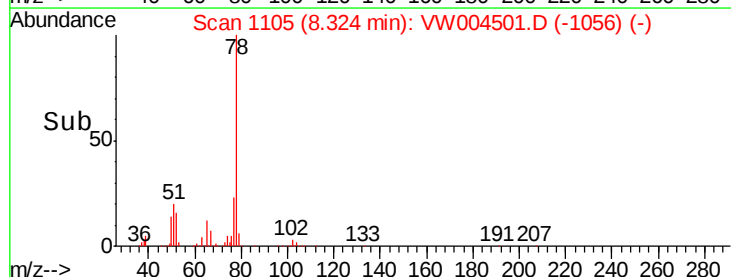
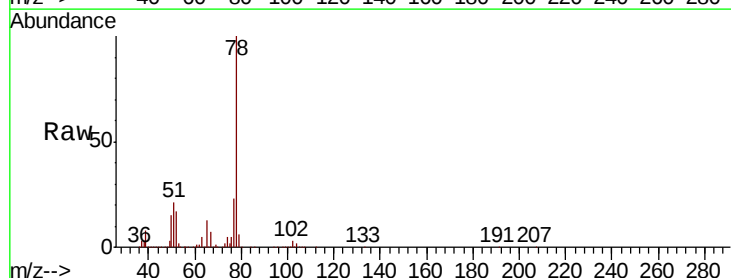
Manual Integrations
APPROVED

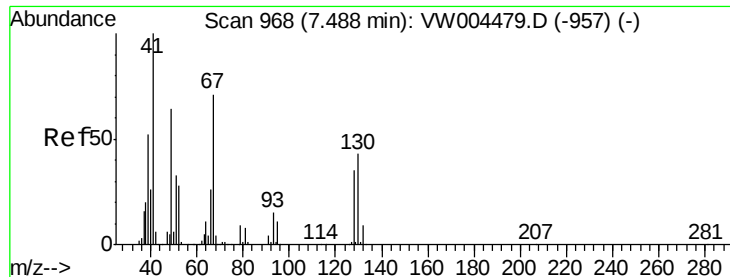
apatel
8/8/2018 2:24:28 PM



#40
Benzene
Concen: 51.01 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





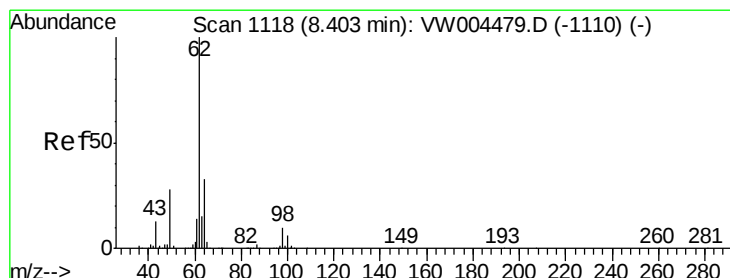
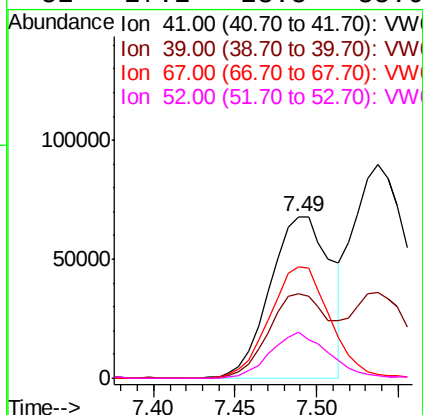
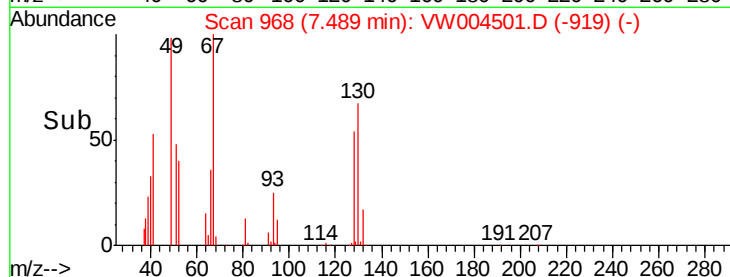
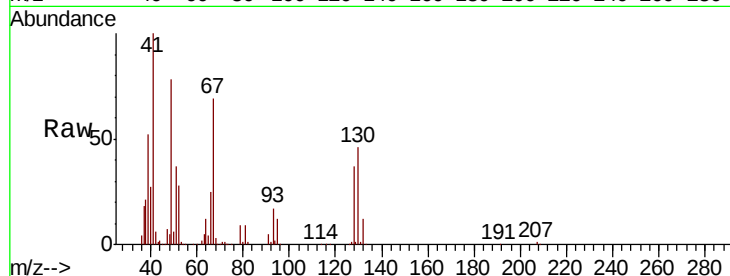
#41
Methacrylonitrile
Concen: 52.66 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		176178		
39	52.1	46.2	69.2		
67	68.9	60.8	91.2		
52	27.2	23.8	35.6		

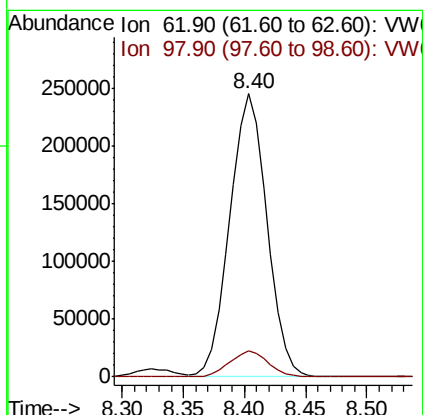
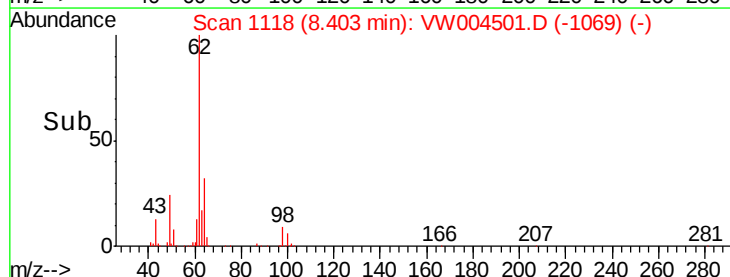
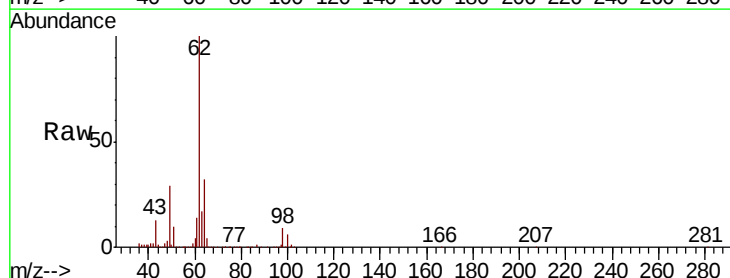
Manual Integrations
APPROVED

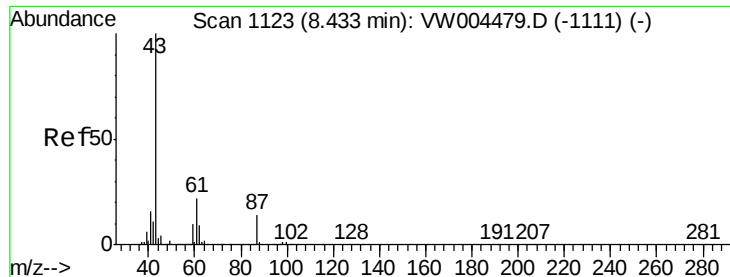
apatel
8/8/2018 2:24:28 PM



#42
1,2-Dichloroethane
Concen: 49.84 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		517866		
98	9.5	0.0	19.6		





#43

Isopropyl Acetate

Concen: 48.72 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

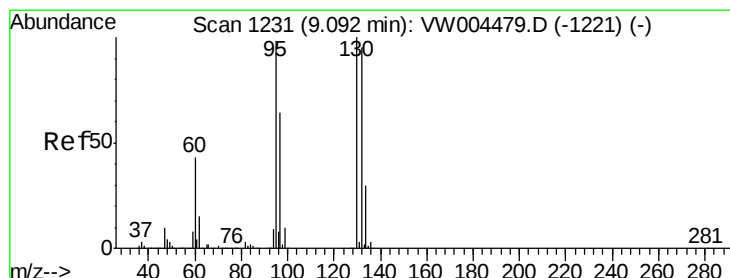
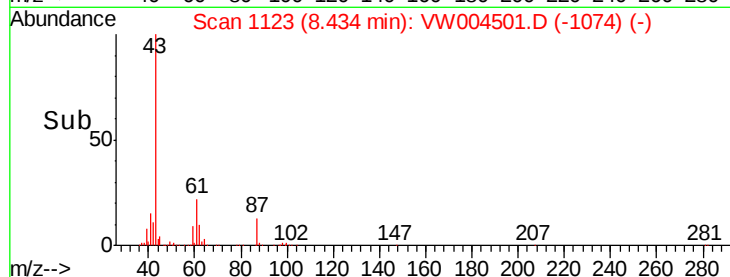
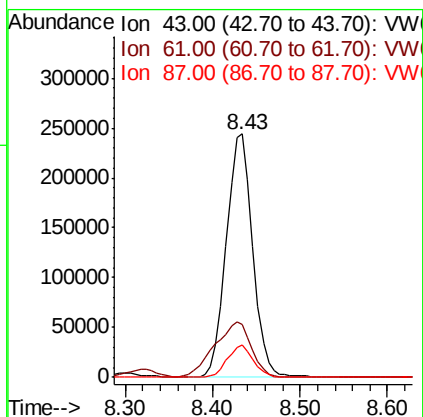
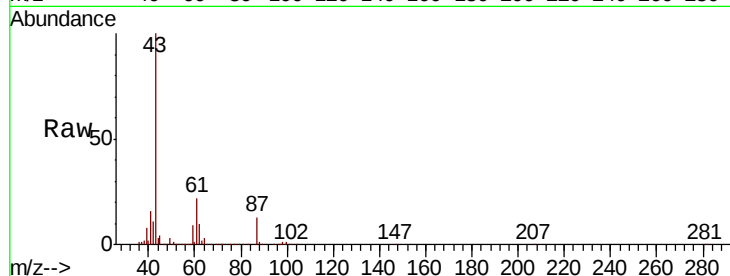
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	508630
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.2	37.8
87	13.0	10.6	16.0

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#44

Trichloroethene

Concen: 50.14 ug/l

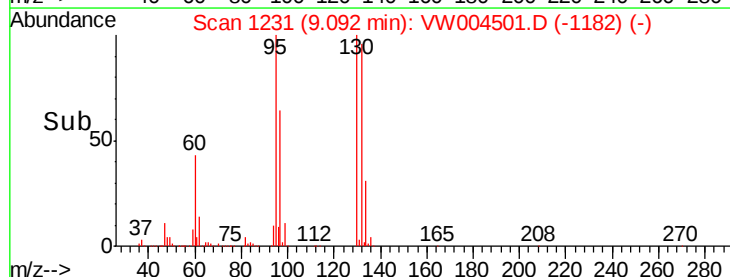
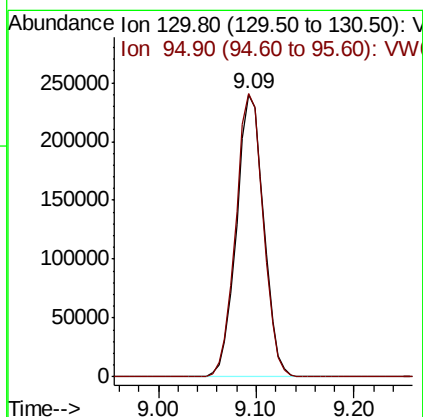
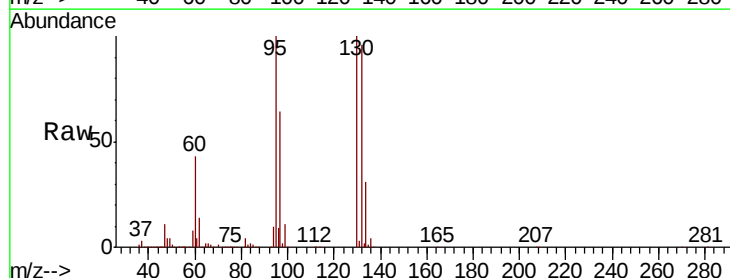
RT: 9.09 min Scan# 1231

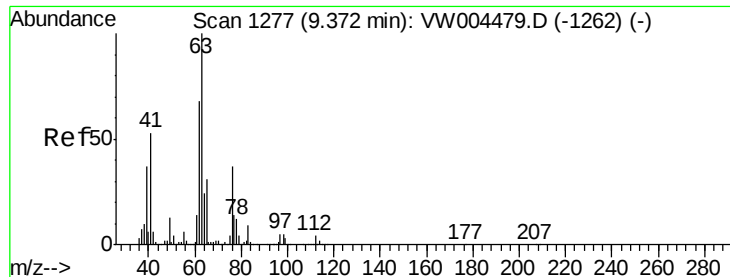
Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion:	130	Resp:	462747
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	196.2





#45

1,2-Dichloropropane

Concen: 51.08 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 480440

Ion Ratio Lower Upper

63 100

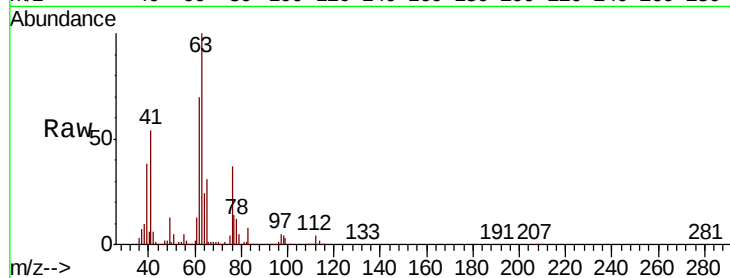
65 31.0 24.5 36.7

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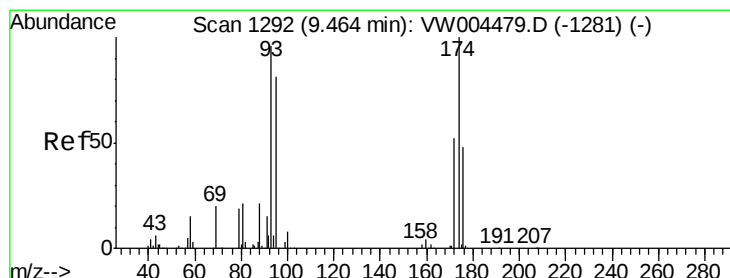
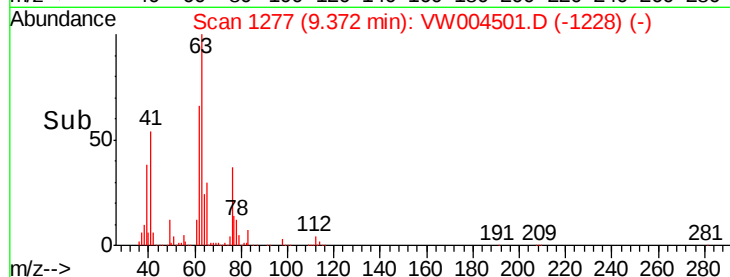
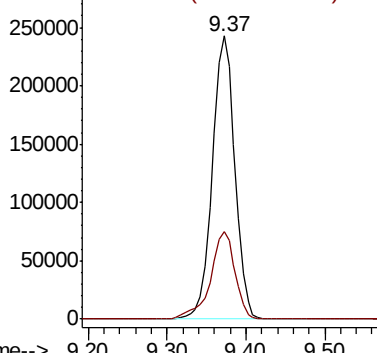
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 49.14 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

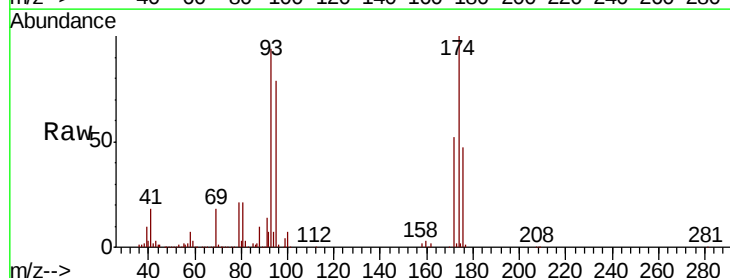
Tgt Ion: 93 Resp: 235290

Ion Ratio Lower Upper

93 100

95 83.3 67.0 100.4

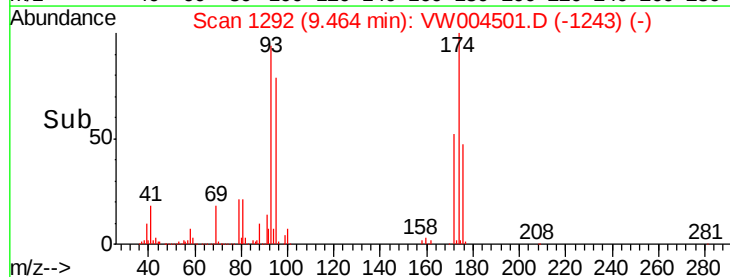
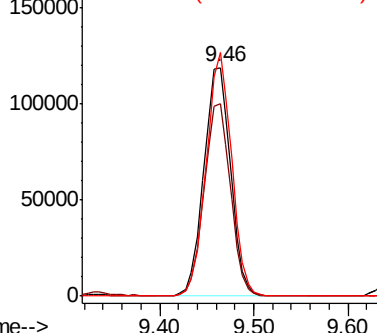
174 101.3 80.2 120.4

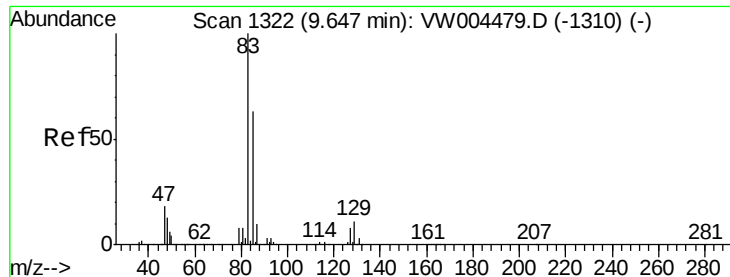


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.22 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

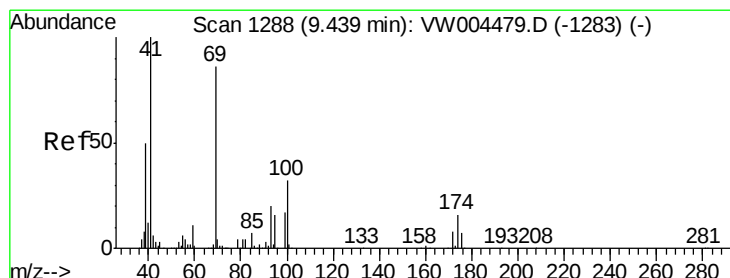
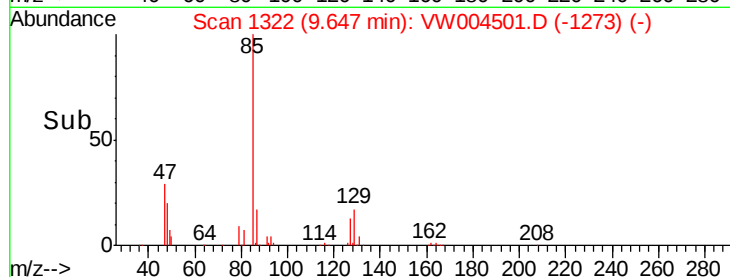
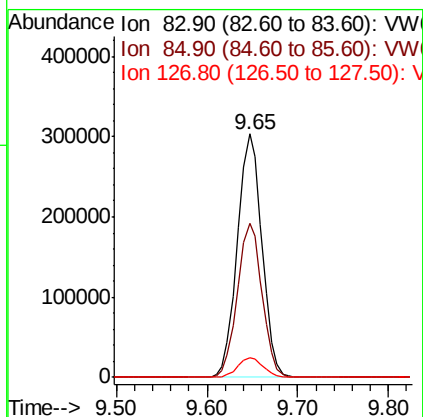
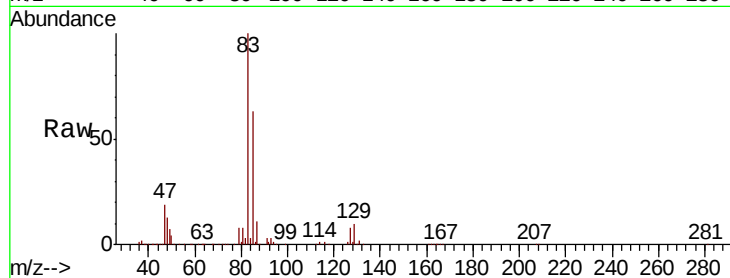
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	567604
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.7	76.1
127	8.0	6.5	9.7

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#48

Methyl methacrylate

Concen: 50.63 ug/l

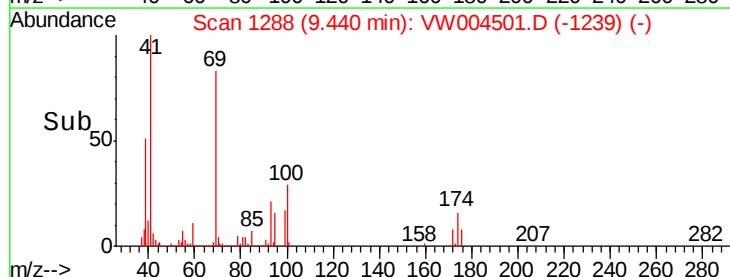
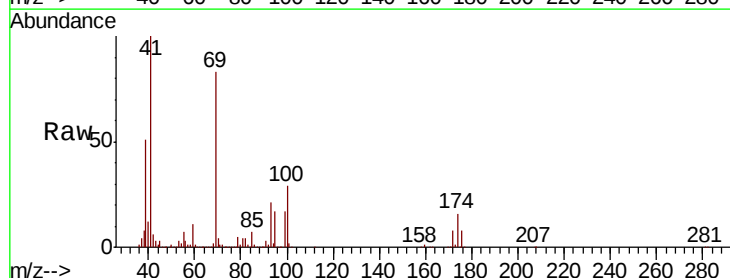
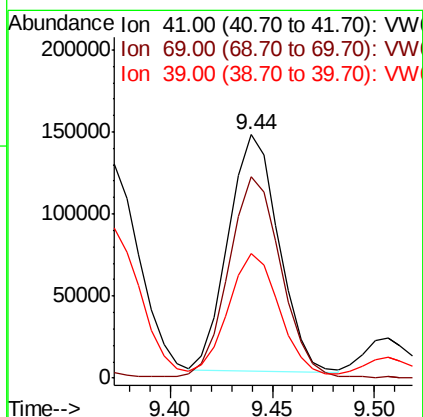
RT: 9.44 min Scan# 1288

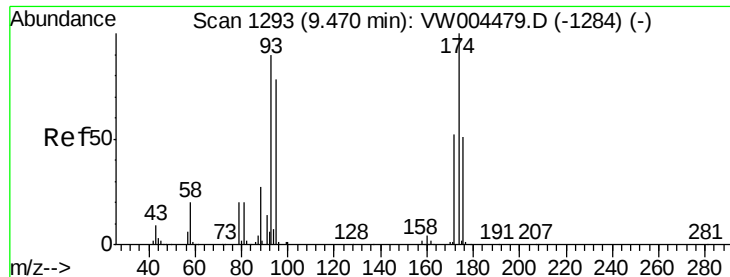
Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion:	41	Resp:	247051
Ion Ratio	Lower	Upper	
41	100		
69	89.1	73.2	109.8
39	50.6	40.6	60.8





#49

1,4-Dioxane

Concen: 973.68 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

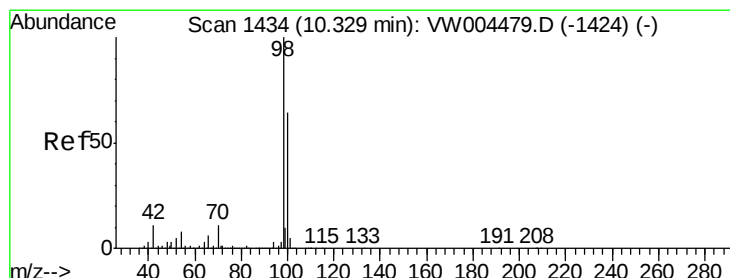
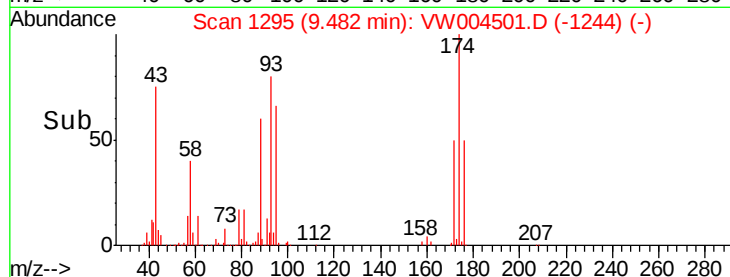
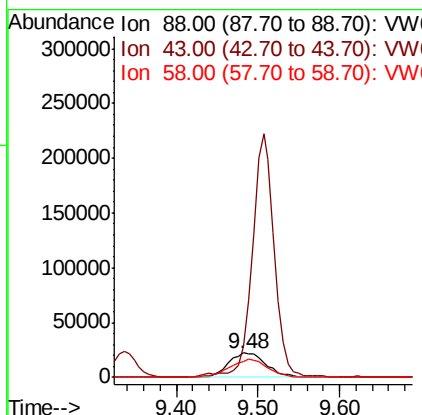
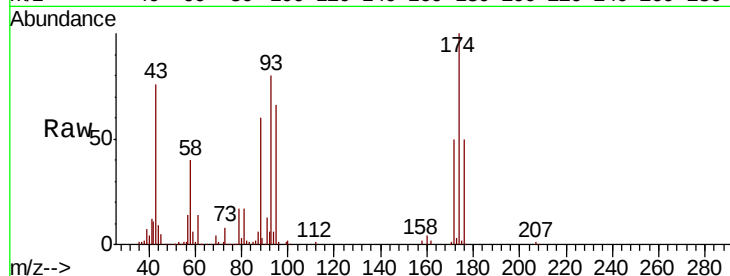
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	71124
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.3	63.5	95.3

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#50

Toluene-d8

Concen: 52.50 ug/l

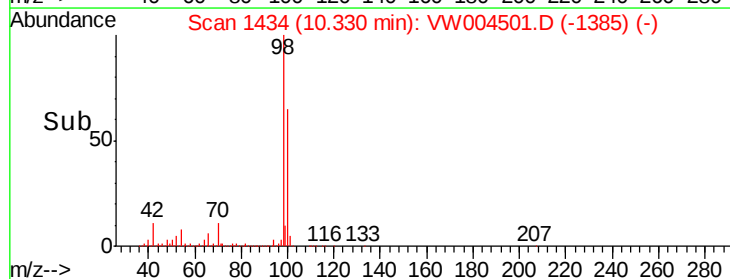
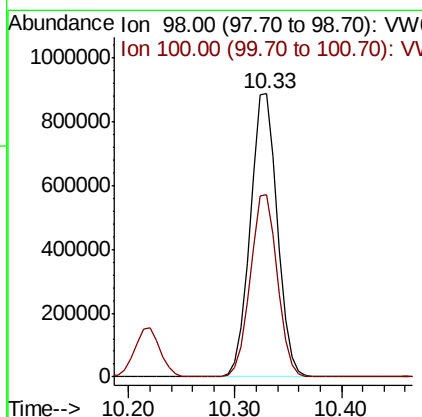
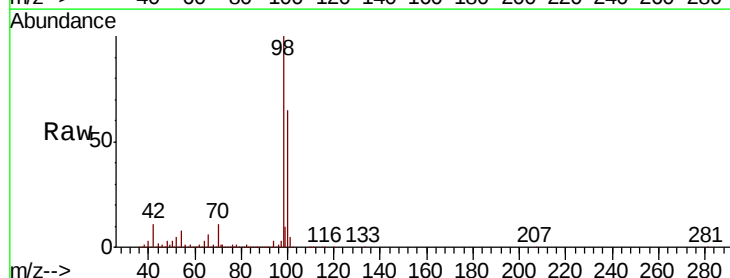
RT: 10.33 min Scan# 1434

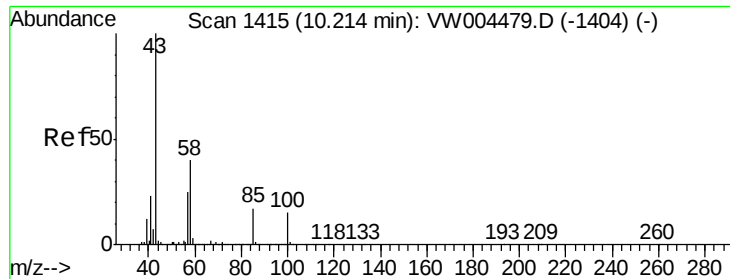
Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion:	98	Resp:	1584993
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2





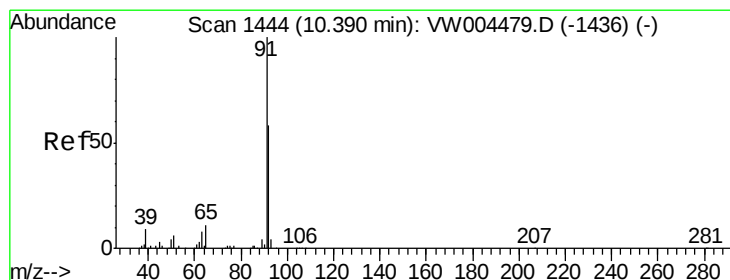
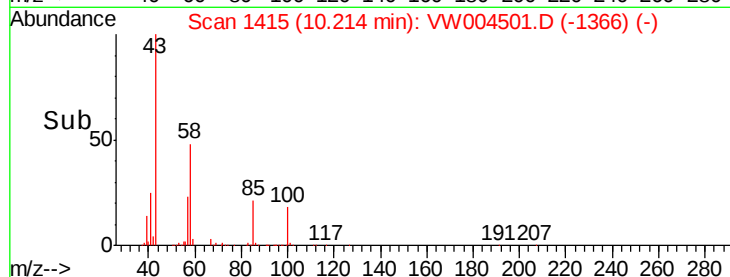
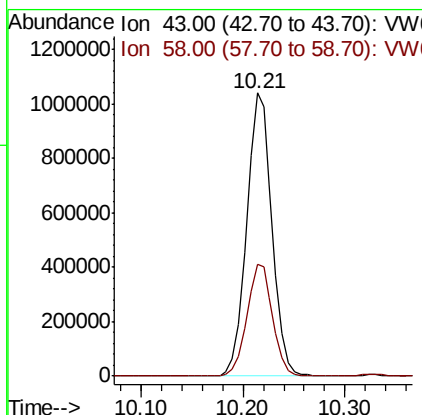
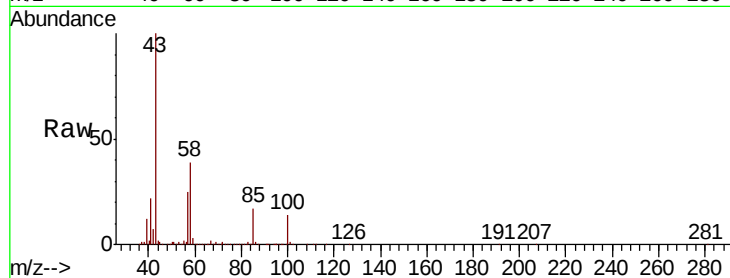
#51
4-Methyl-2-Pentanone
Concen: 246.09 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1788469
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9

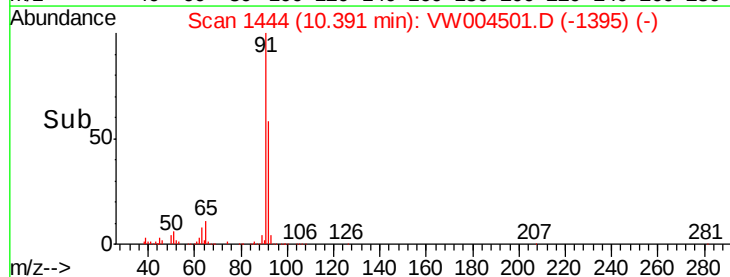
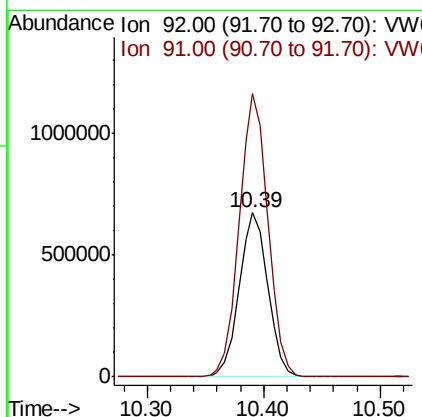
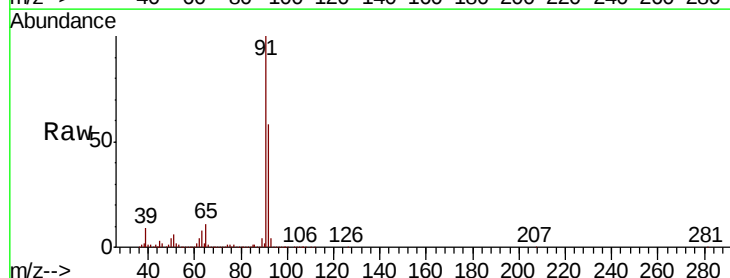
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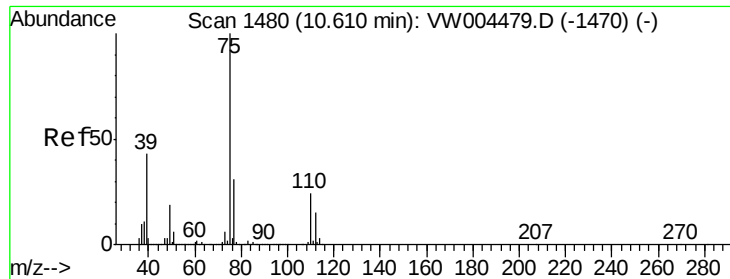
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#52
Toluene
Concen: 51.87 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion: 92 Resp: 1148660
Ion Ratio Lower Upper
92 100
91 173.5 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 50.48 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 572827

Ion Ratio Lower Upper

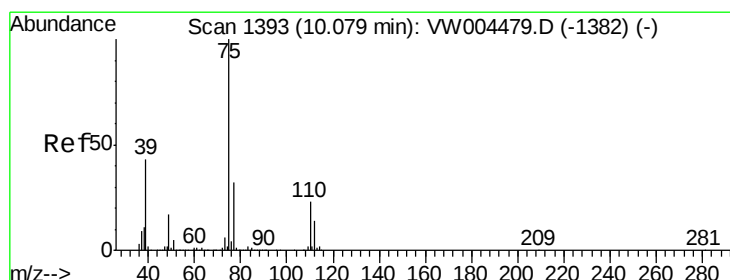
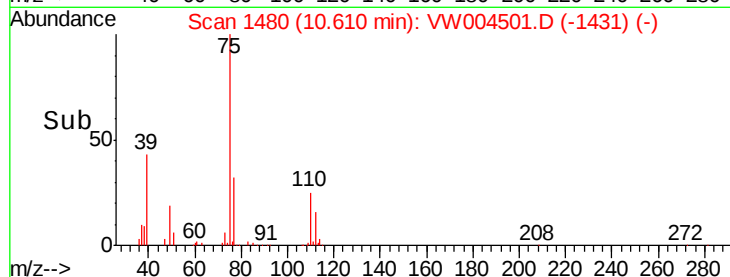
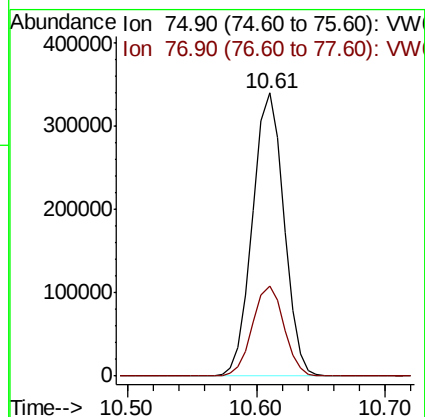
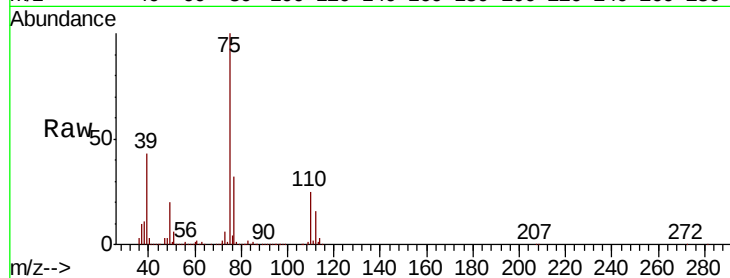
75 100

77 31.8 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 51.63 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

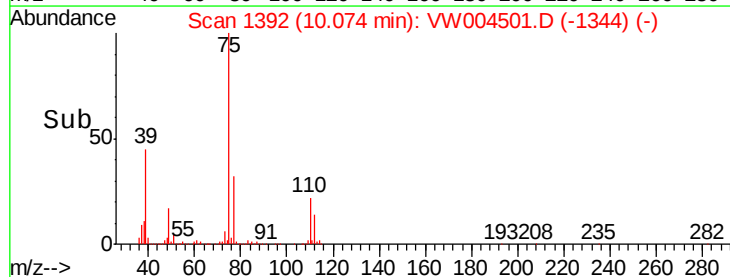
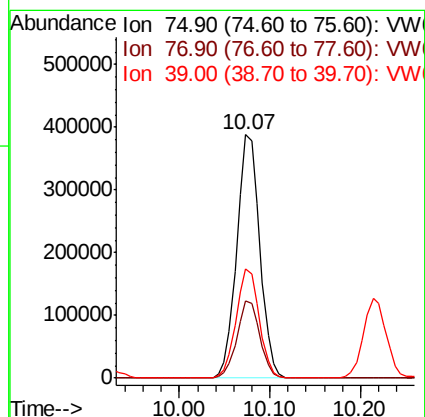
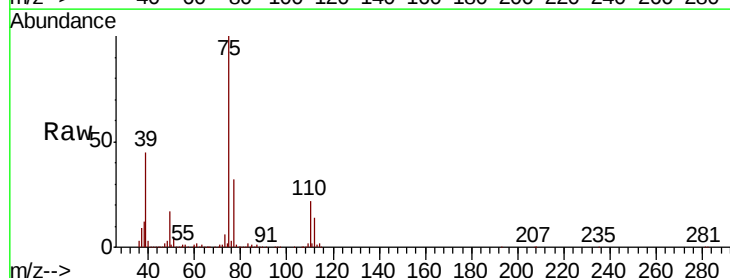
Tgt Ion: 75 Resp: 682790

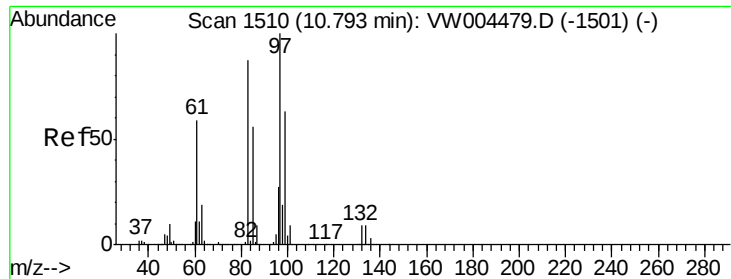
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 45.0 34.5 51.7





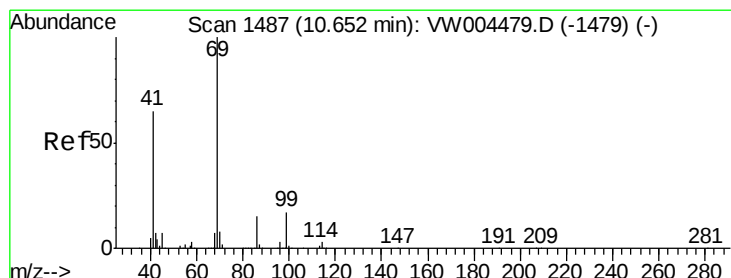
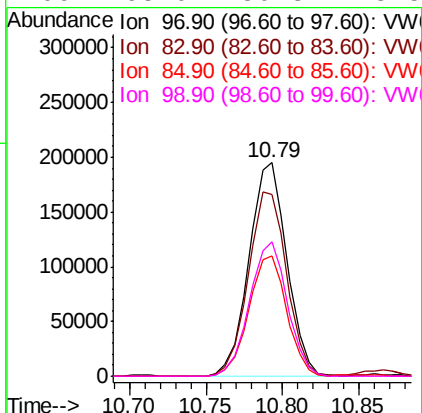
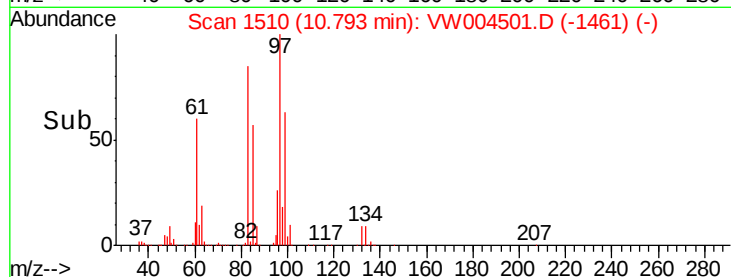
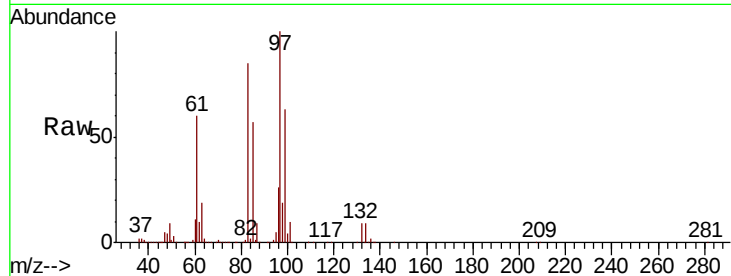
#55
 1,1,2-Trichloroethane
 Concen: 49.04 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		336506		
83	85.3	69.8	104.8		
85	56.6	45.1	67.7		
99	63.0	50.3	75.5		

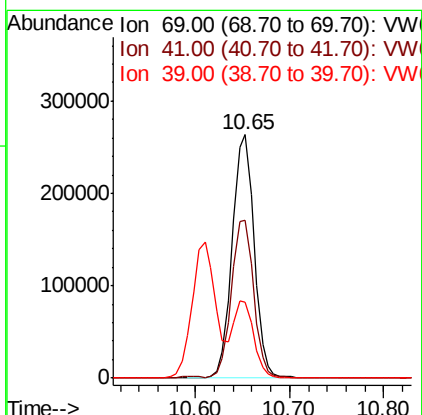
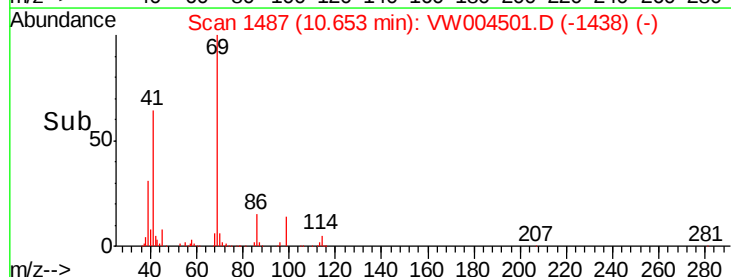
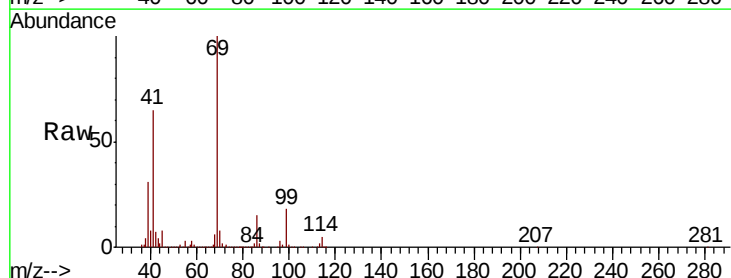
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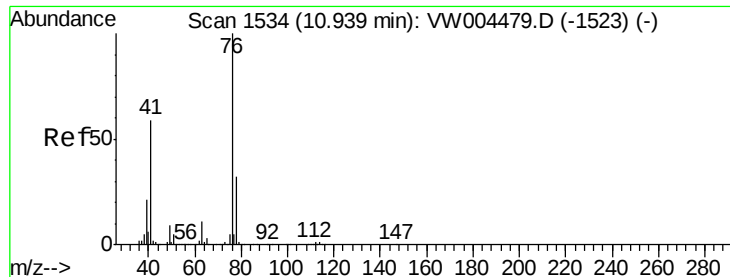
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#56
 Ethyl methacrylate
 Concen: 52.04 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		427599		
41	65.2	52.4	78.6		
39	28.3	22.7	34.1		





#57

1,3-Dichloropropane

Concen: 49.40 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 584327

Ion Ratio Lower Upper

76 100

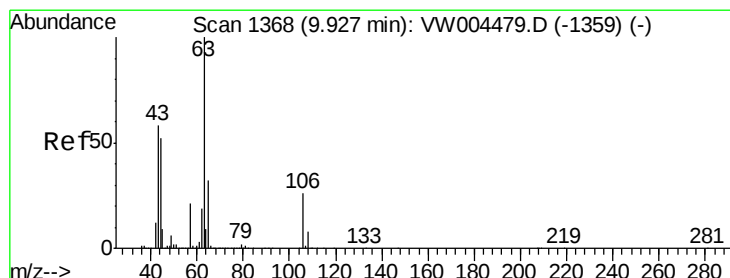
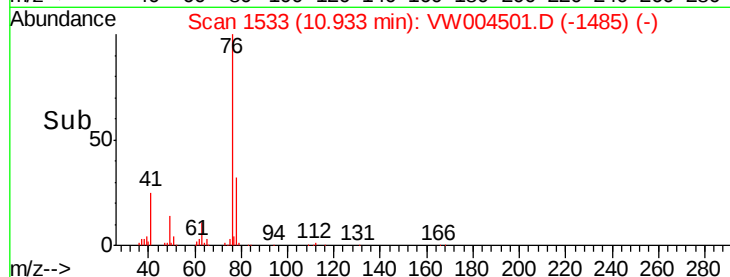
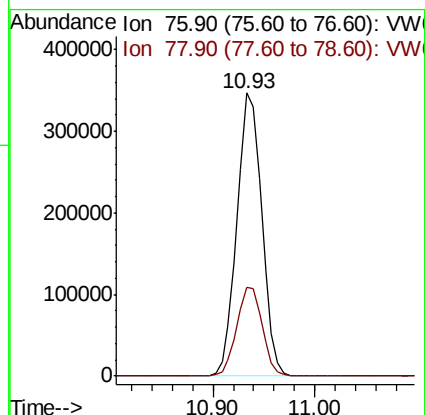
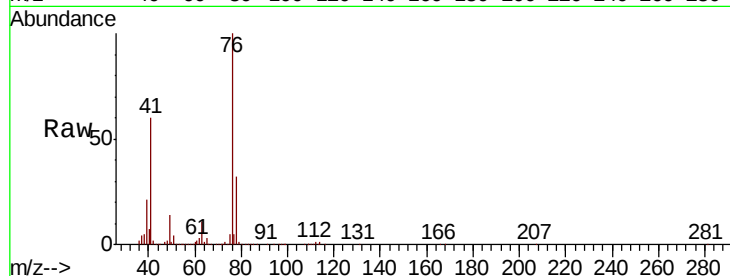
78 32.3 25.7 38.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 233.09 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004501.D

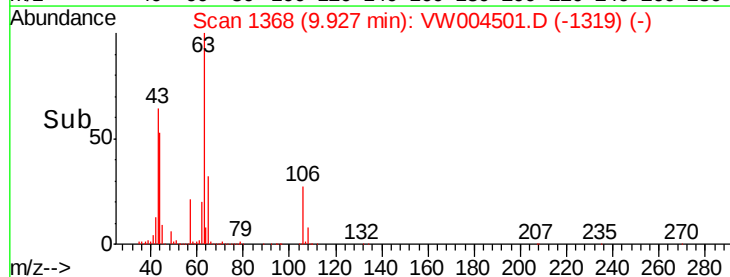
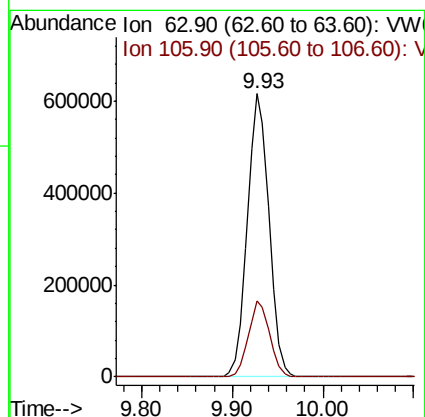
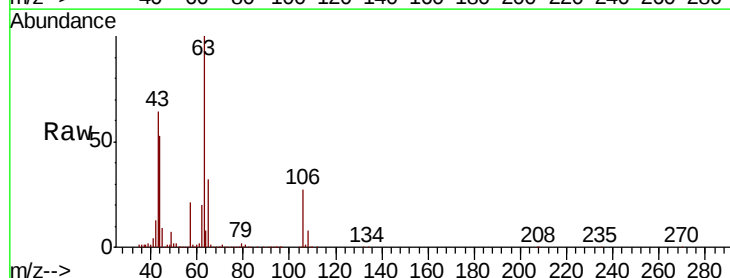
Acq: 07 Aug 2018 19:02

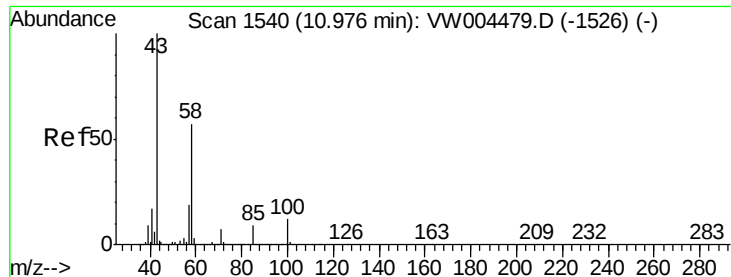
Tgt Ion: 63 Resp: 1014326

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9





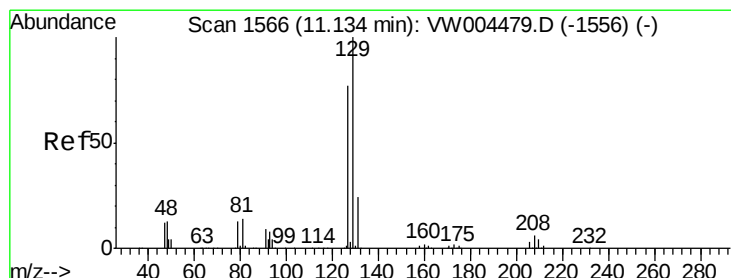
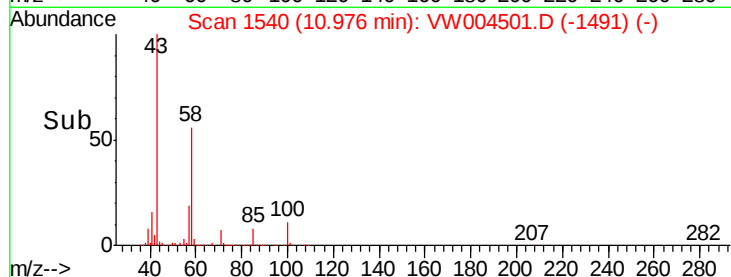
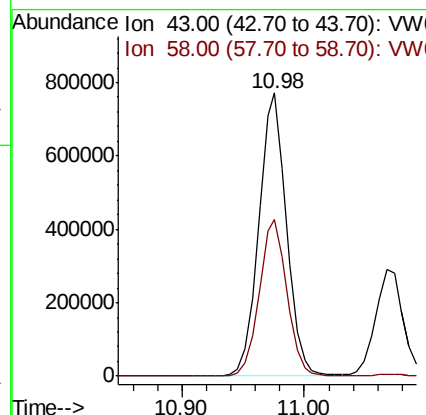
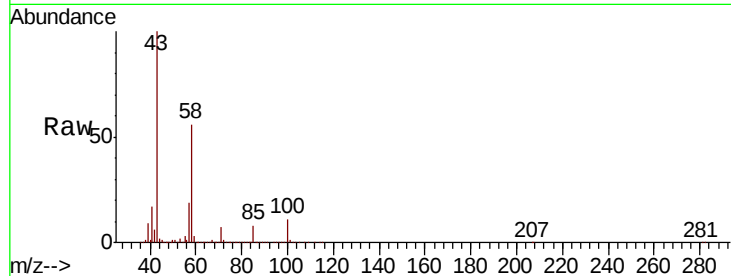
#59
2-Hexanone
Concen: 246.27 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1213470
Ion Ratio Lower Upper
43 100
58 55.5 27.9 83.6

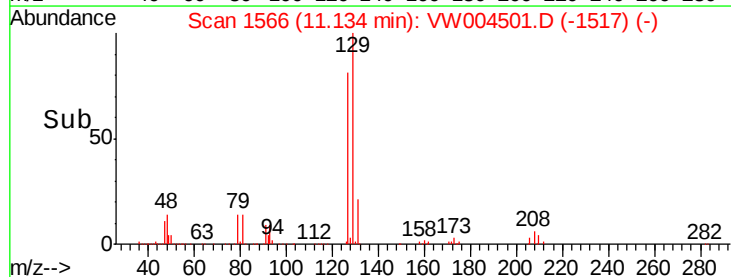
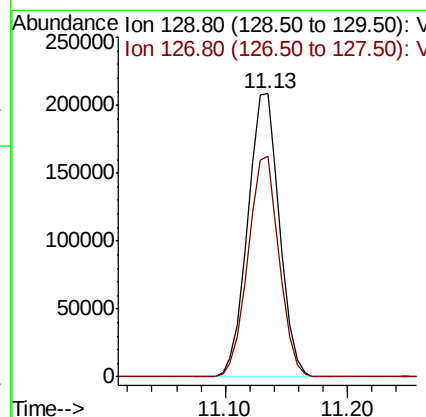
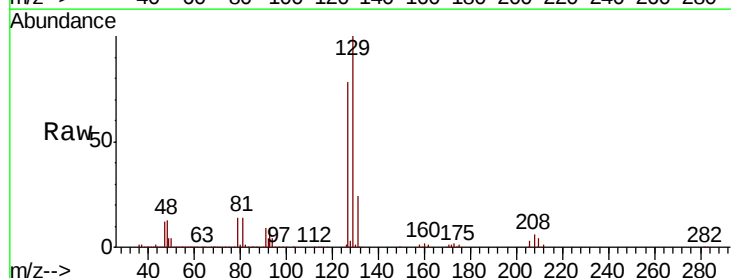
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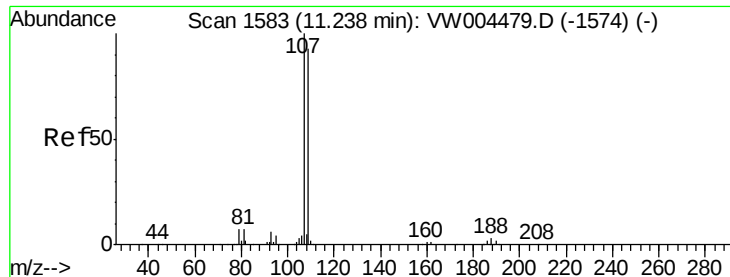
apatel
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#60
Dibromochloromethane
Concen: 50.22 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion: 129 Resp: 374865
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





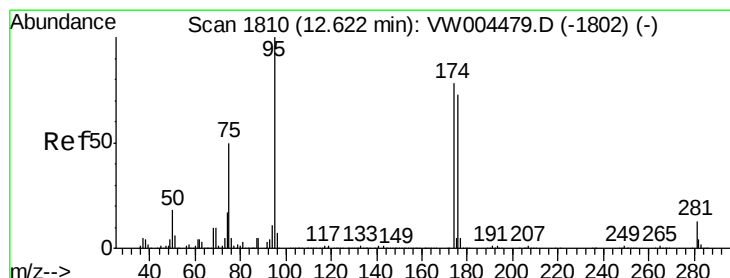
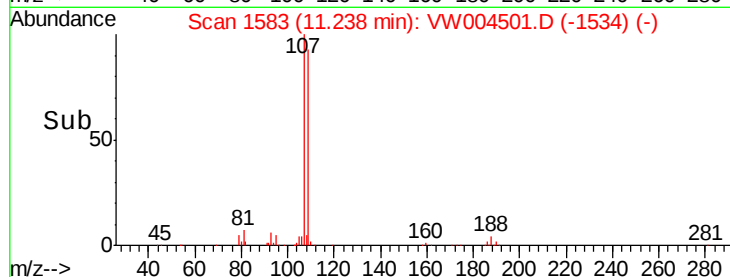
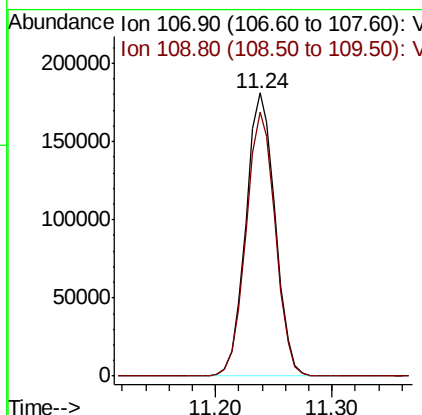
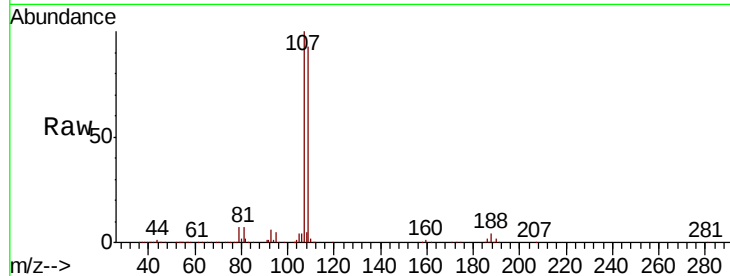
#61
 1,2-Dibromoethane
 Concen: 49.15 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.7	113.5

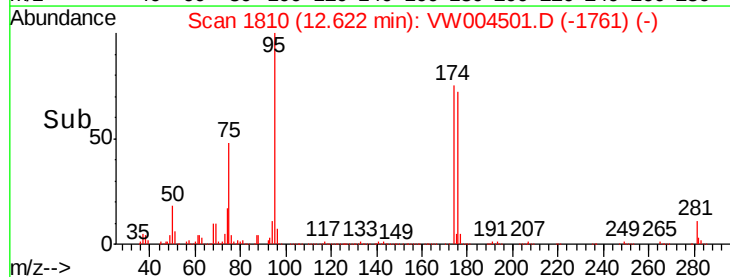
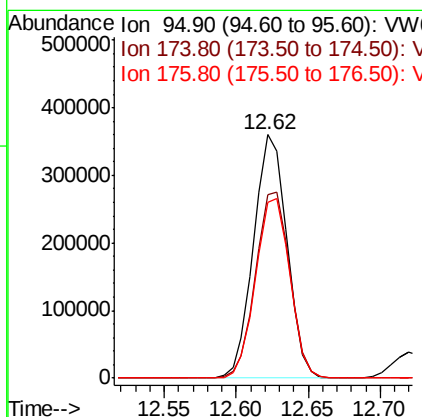
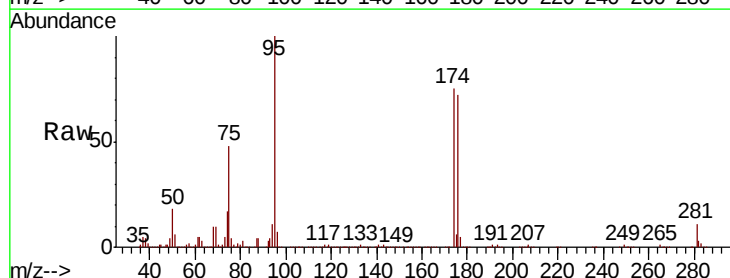
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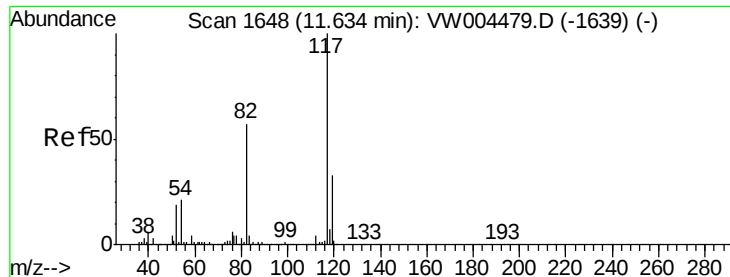
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#62
 4-Bromofluorobenzene
 Concen: 52.82 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	160.4
176	76.0	0.0	153.2





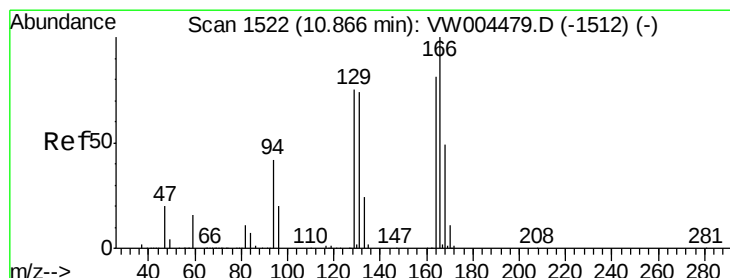
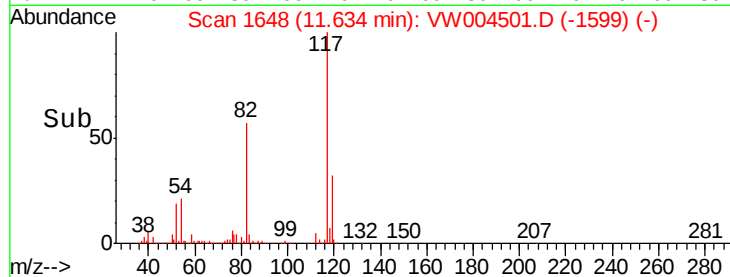
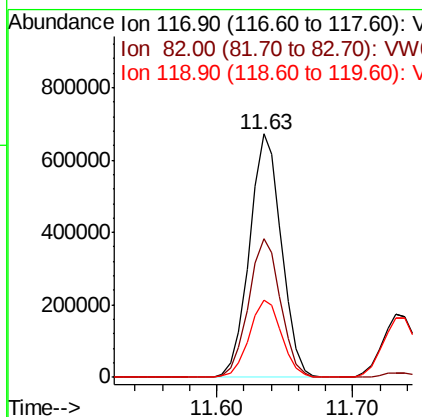
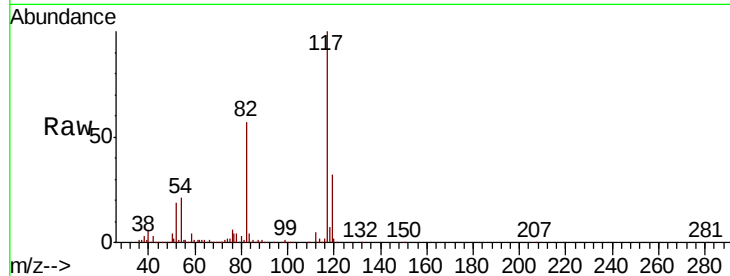
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.3	67.9
119	31.9	26.2	39.4

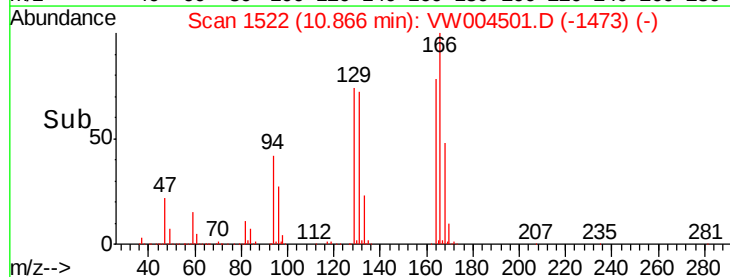
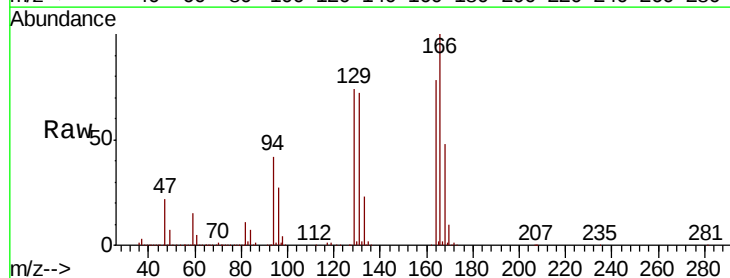
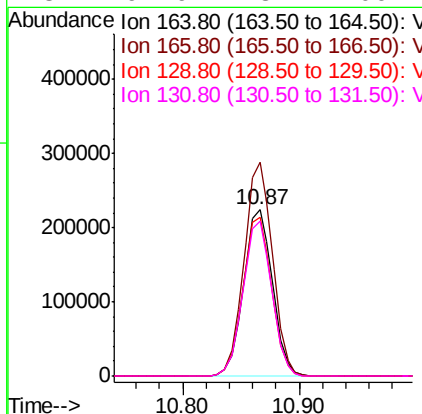
Manual Integrations
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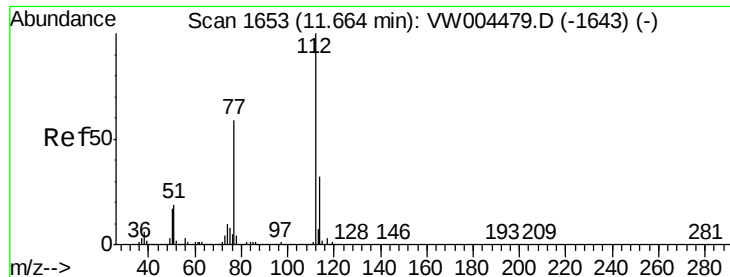
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#64
Tetrachloroethene
Concen: 50.09 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	98.4	147.6
129	95.6	73.6	110.4
131	92.9	73.1	109.7





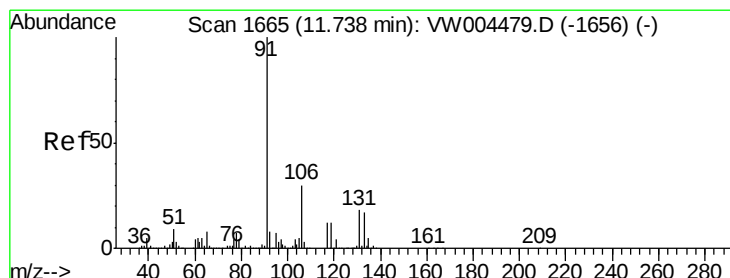
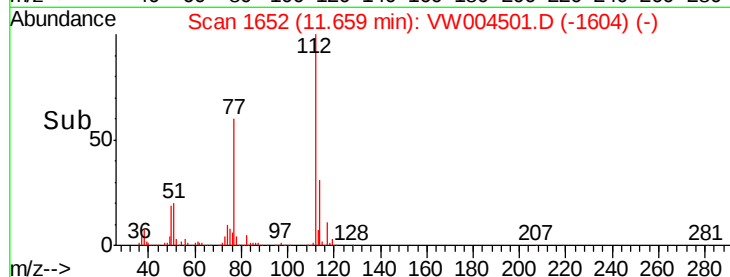
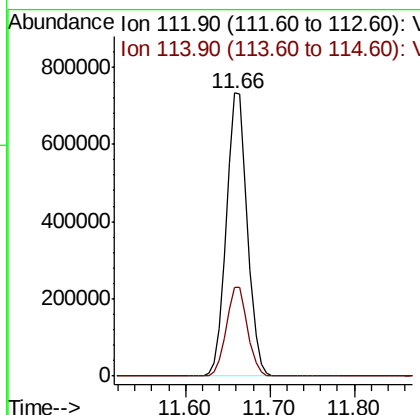
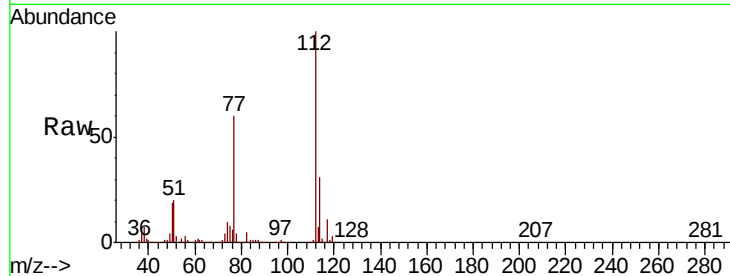
#65
Chlorobenzene
Concen: 51.26 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1249064
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0

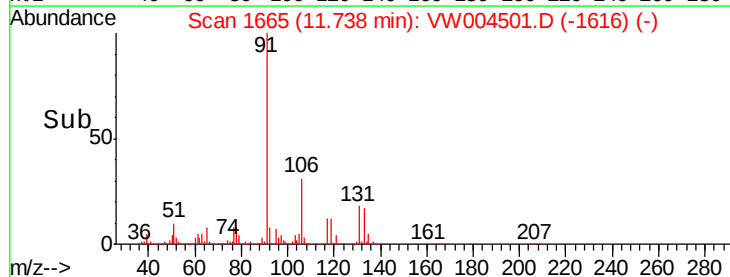
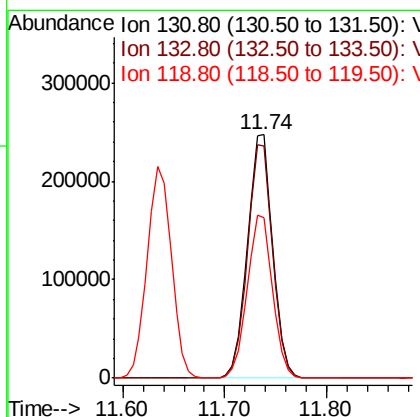
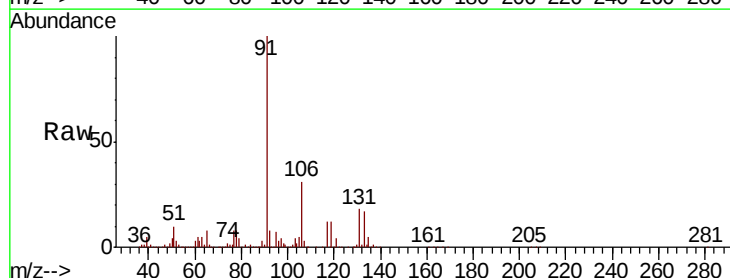
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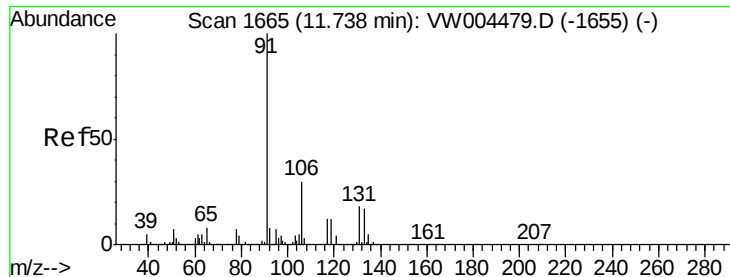
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.48 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion:131 Resp: 427054
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 67.3 33.9 101.7





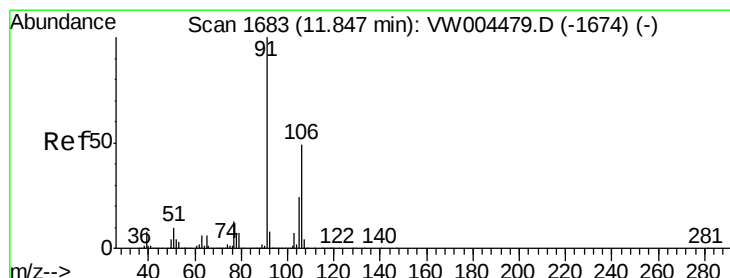
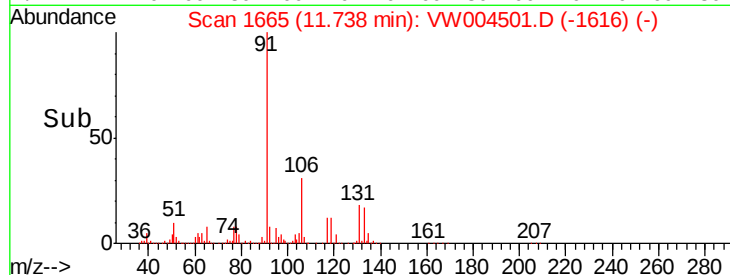
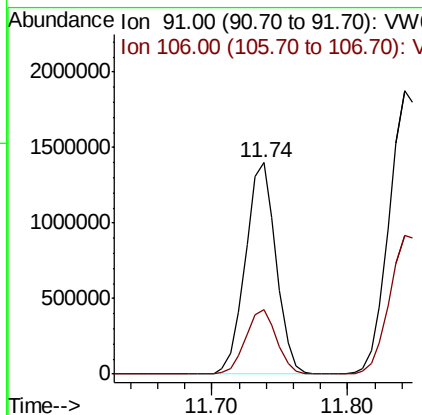
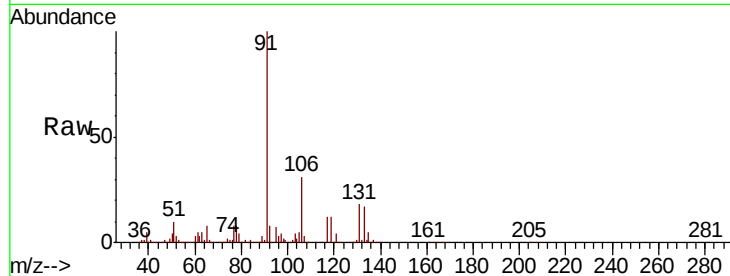
#67
Ethyl Benzene
Concen: 53.48 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 2209245
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2

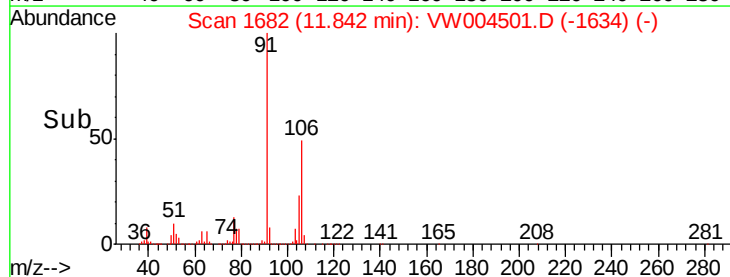
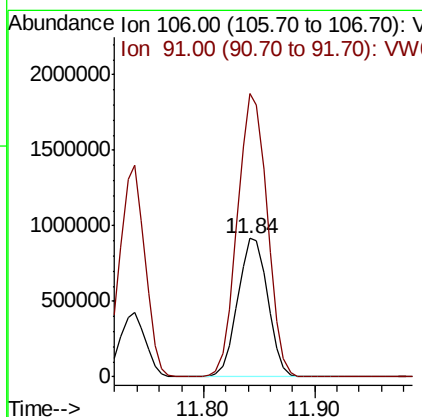
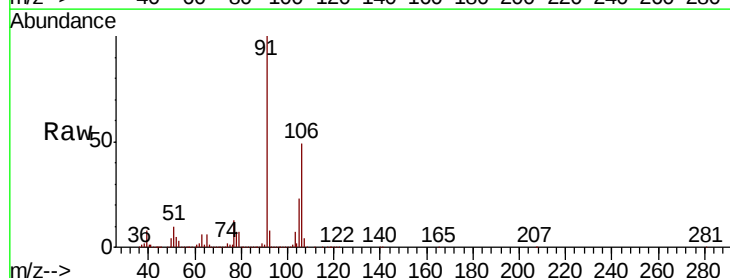
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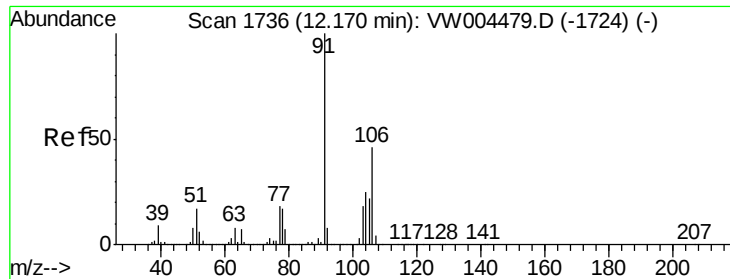
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#68
m/p-Xylenes
Concen: 107.52 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion: 106 Resp: 1716385
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2





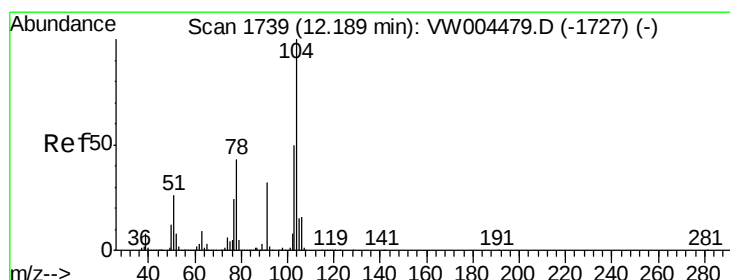
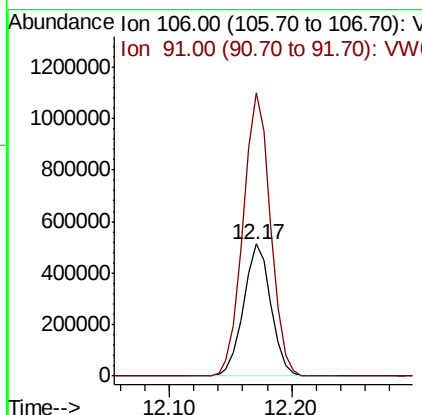
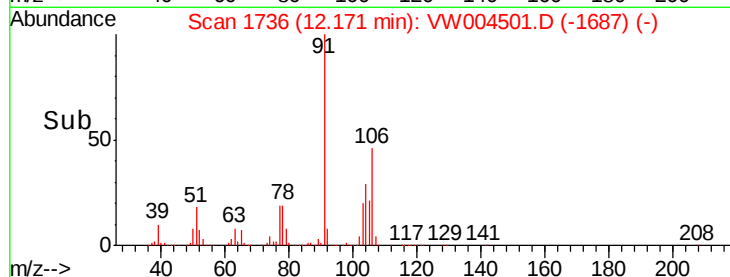
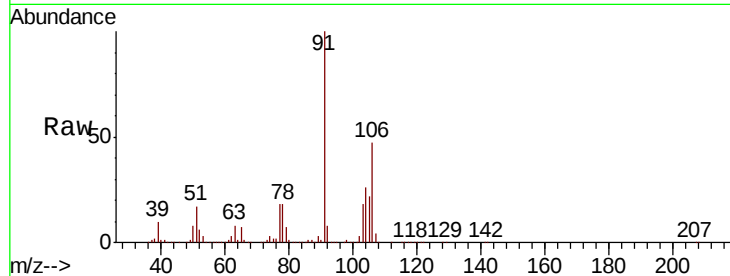
#69
o-Xylene
Concen: 53.84 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	106.7	320.2

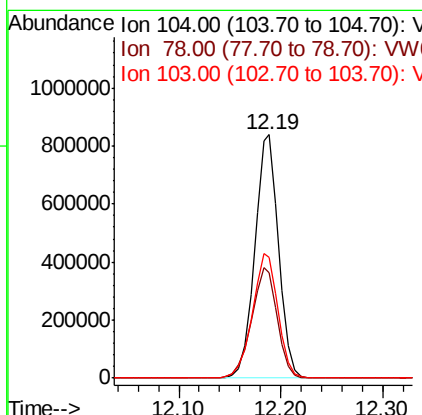
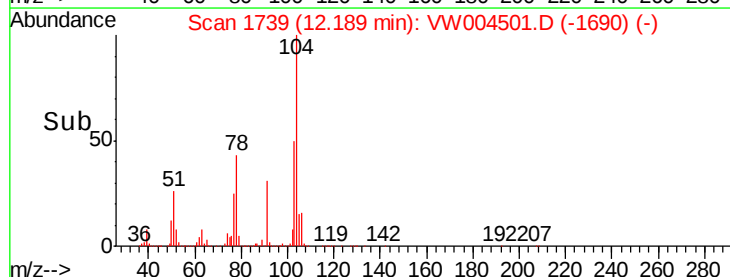
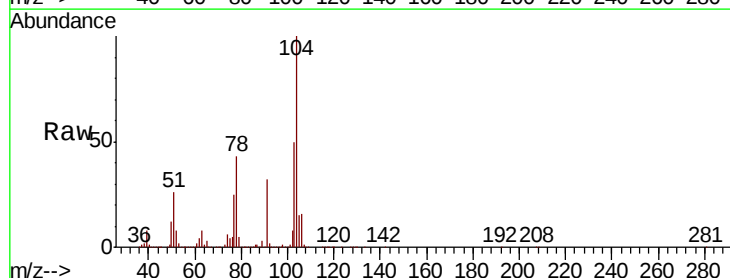
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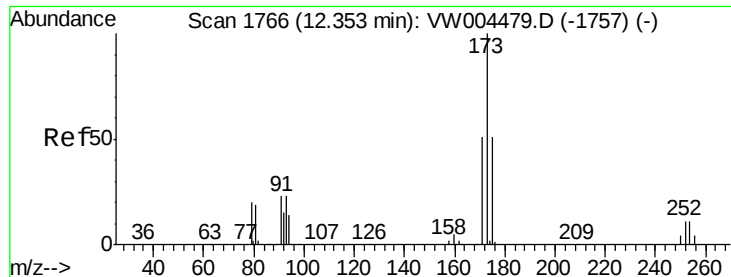
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#70
Styrene
Concen: 54.50 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	39.0	58.4
103	55.3	44.2	66.2





#71

Bromoform

Concen: 49.88 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

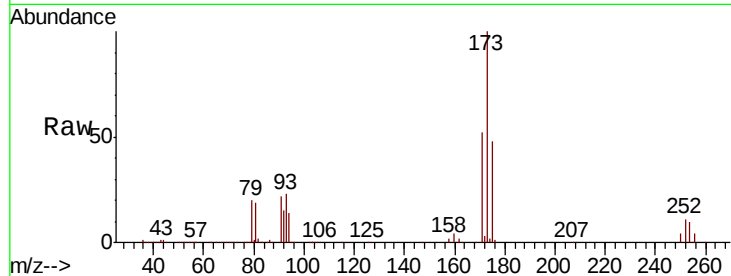
ClientSampleId :

VSTDCCC050

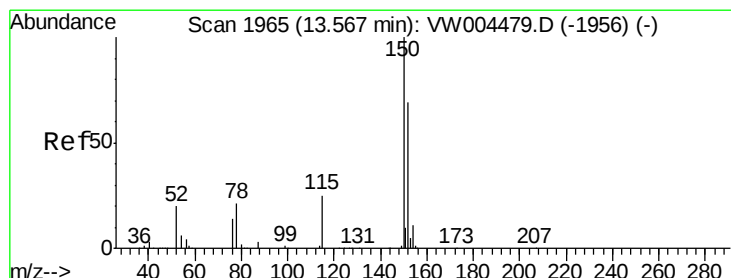
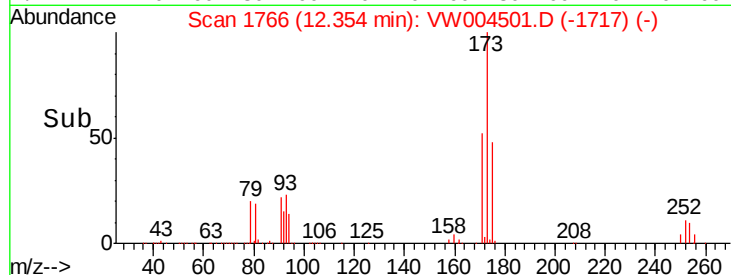
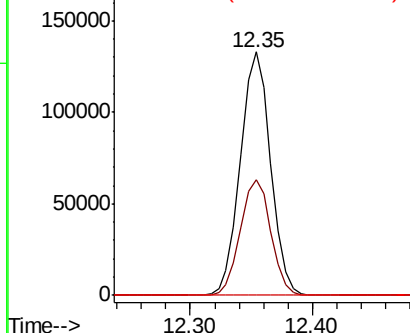
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100		227479		
175	48.2	24.5	73.5		
254	0.1	0.2	0.2		

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

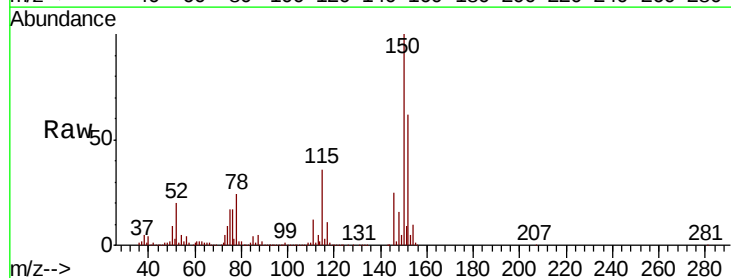
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

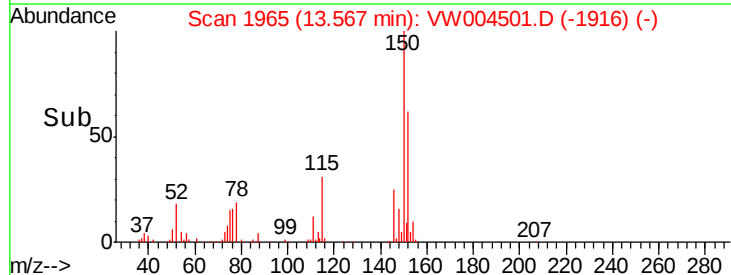
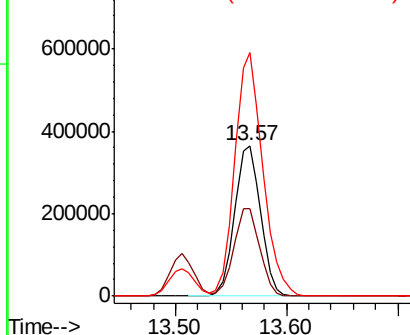
Lab File: VW004501.D

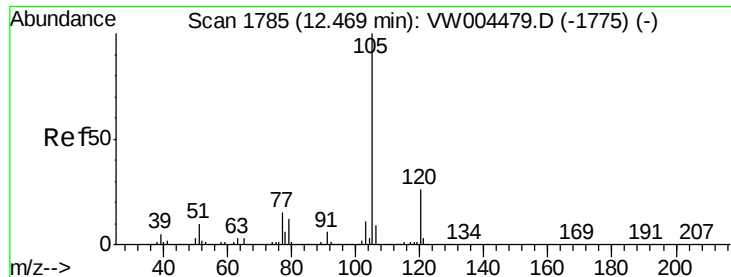
Acq: 07 Aug 2018 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		585493		
115	57.8	29.1	87.3		
150	175.0	0.0	349.6		



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.19 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2194751

Ion Ratio Lower Upper

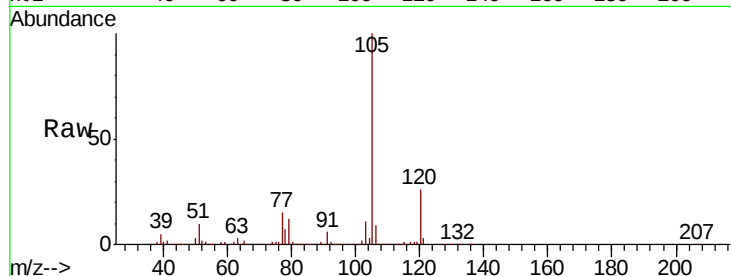
105 100

120 26.4 13.2 39.6

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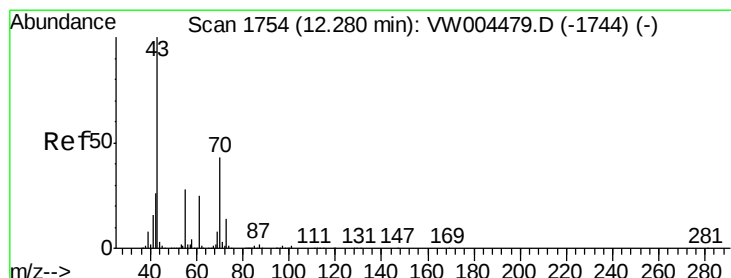
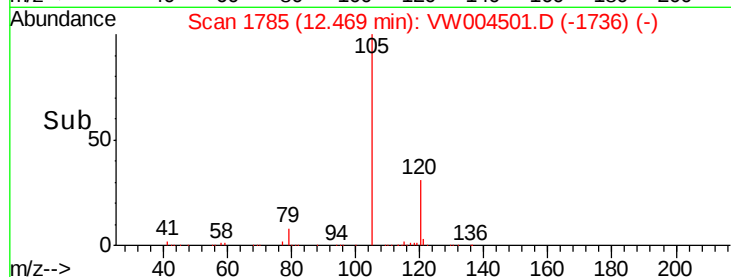
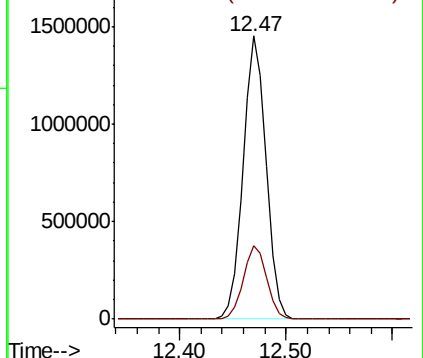
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.79 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion: 43 Resp: 498731

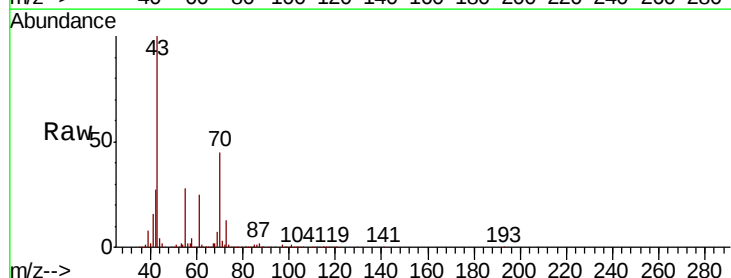
Ion Ratio Lower Upper

43 100

70 44.0 35.3 52.9

55 28.7 22.9 34.3

61 24.4 19.7 29.5

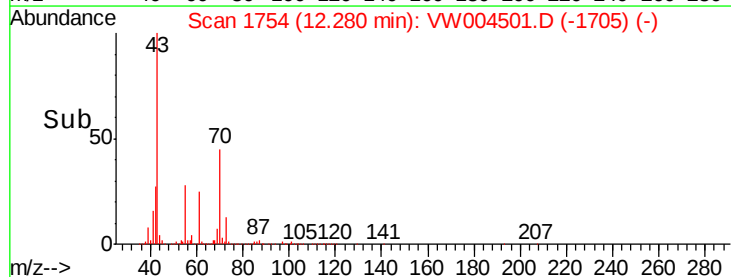
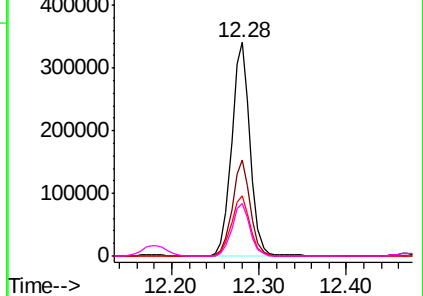


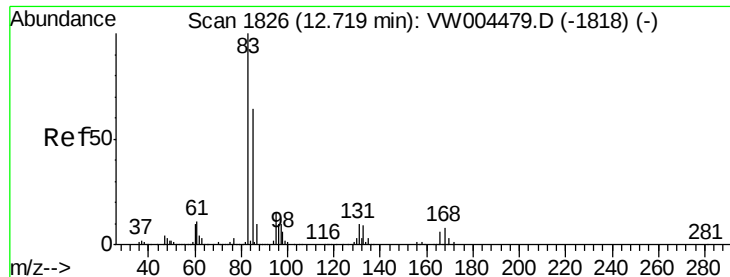
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.32 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

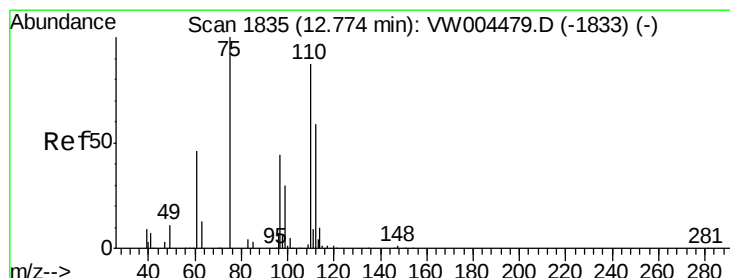
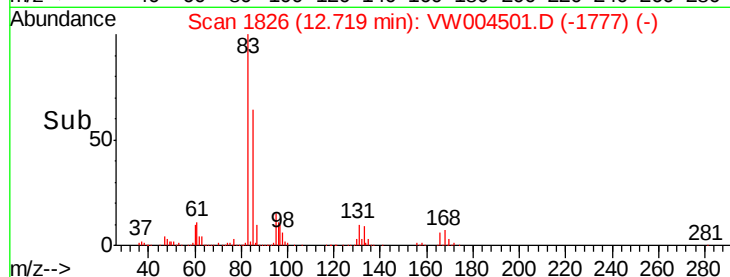
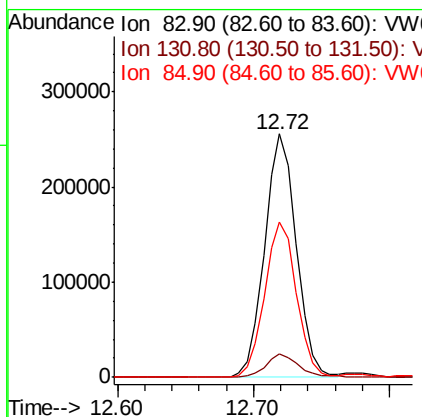
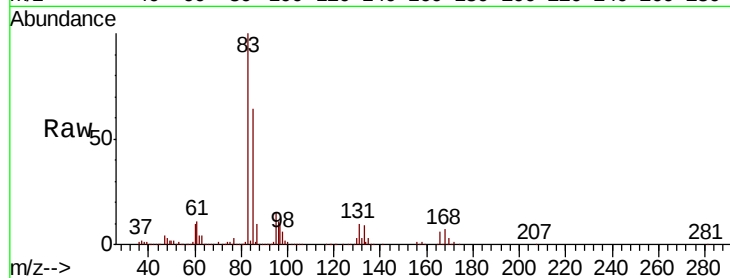
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	416992
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	64.2	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.04 ug/l m

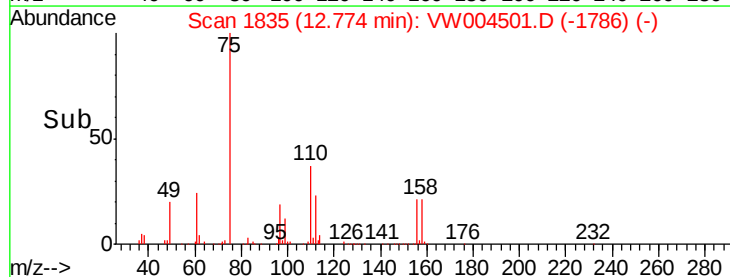
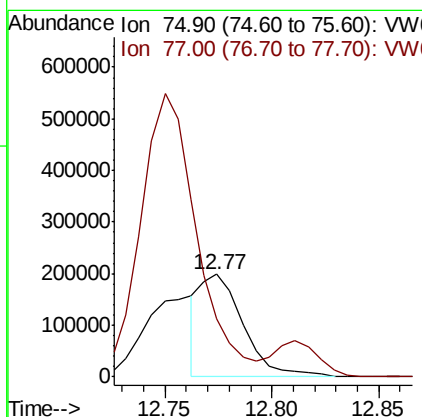
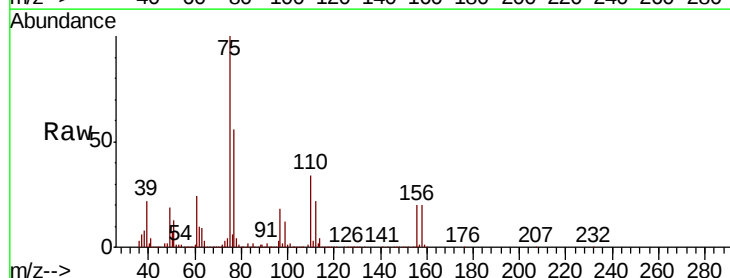
RT: 12.77 min Scan# 1835

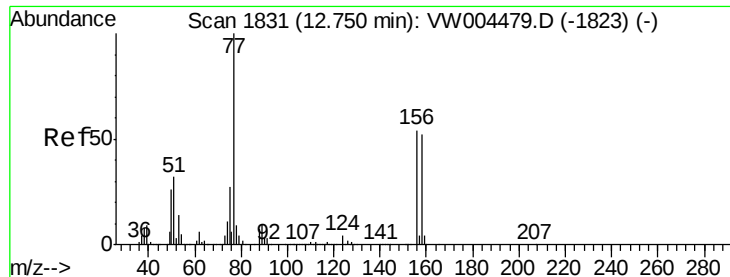
Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Tgt Ion:	75	Resp:	278958
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.87 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

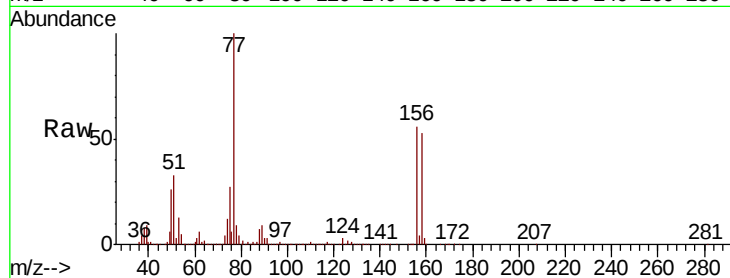
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	508200
Ion Ratio	Lower	Upper	
156	100		
77	196.5	98.7	296.1
158	96.9	48.7	146.1

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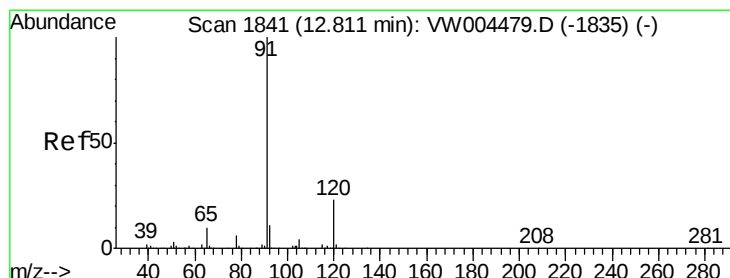
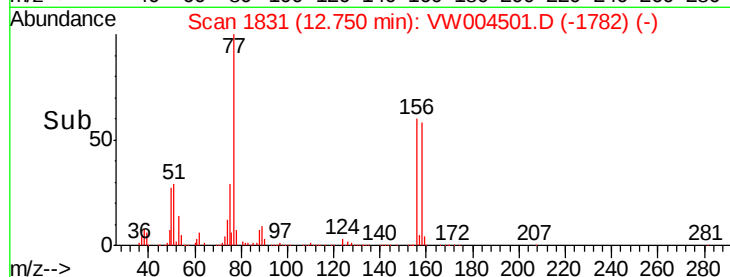
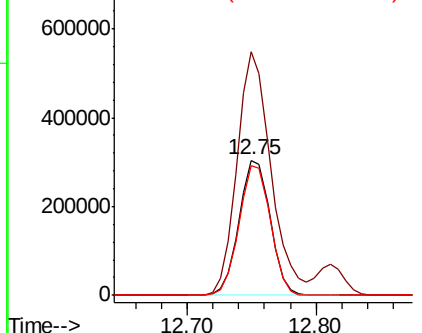
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.83 ug/l

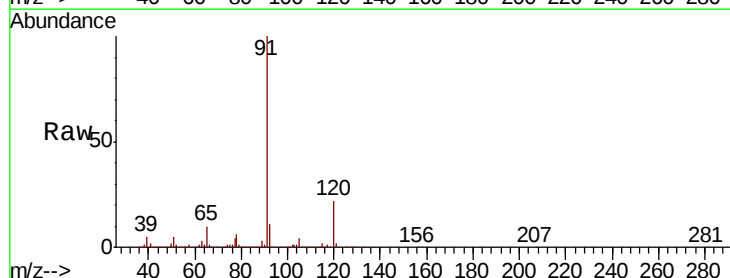
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004501.D

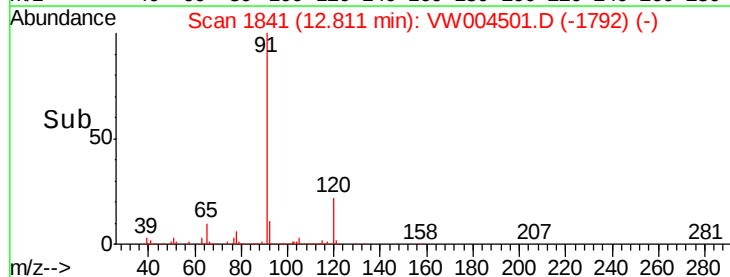
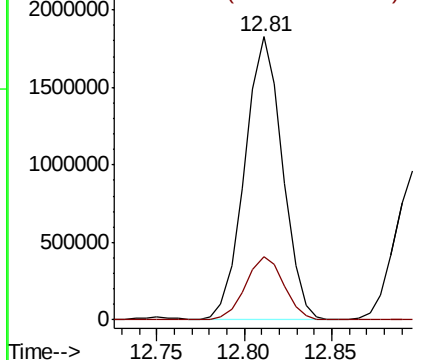
Acq: 07 Aug 2018 19:02

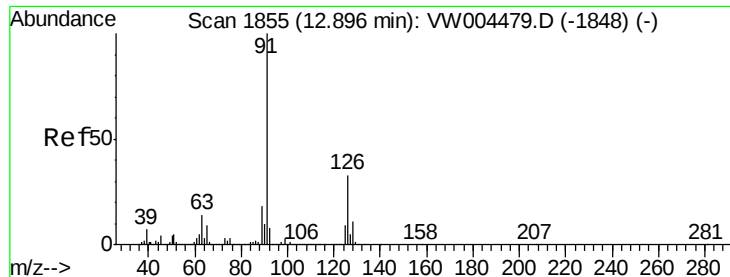
Tgt Ion:	91	Resp:	2739766
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.04 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004501.D

Acq: 07 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1533975

Ion Ratio Lower Upper

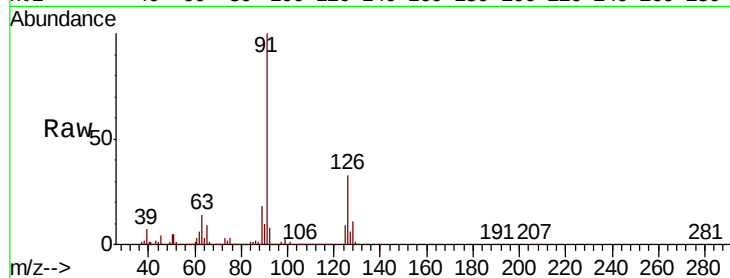
91 100

126 33.1 16.6 49.8

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Abundance Ion 91.00 (90.70 to 91.70): VW004479.D (-1848) (-)

Ion 125.90 (125.60 to 126.60): VW004479.D (-1848) (-)

1500000

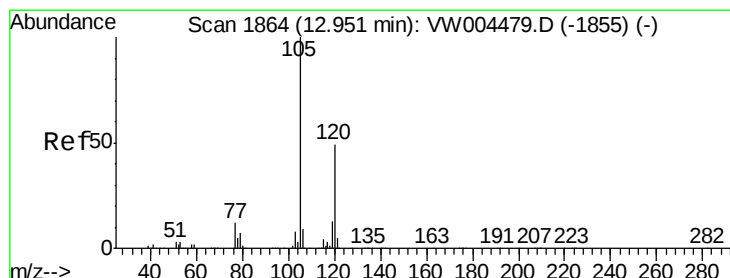
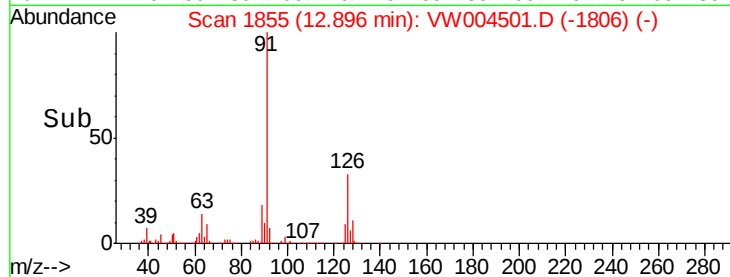
1000000

500000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.81 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004501.D

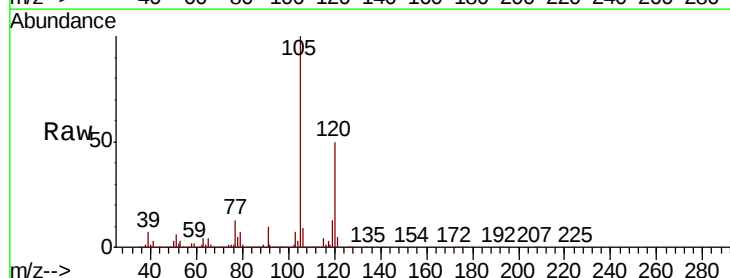
Acq: 07 Aug 2018 19:02

Tgt Ion: 105 Resp: 1893572

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VW004479.D (-1855) (-)

Ion 120.00 (119.70 to 120.70): VW004479.D (-1855) (-)

1500000

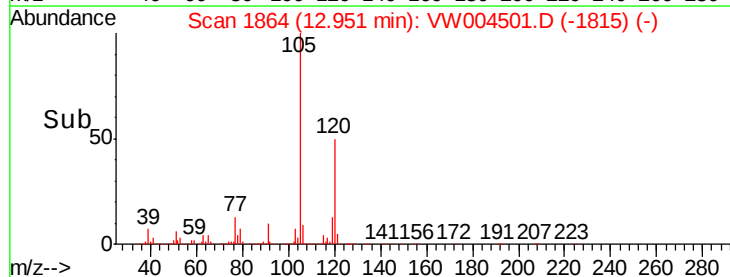
1000000

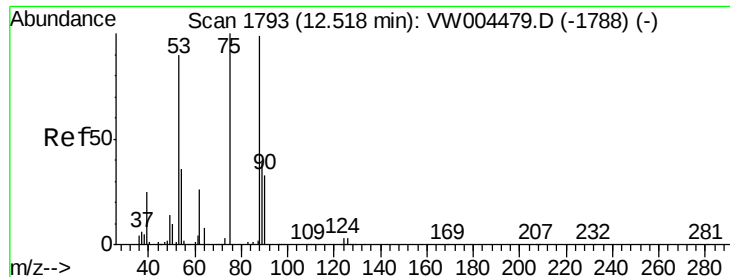
500000

0

12.90 12.95 13.00

Time-->





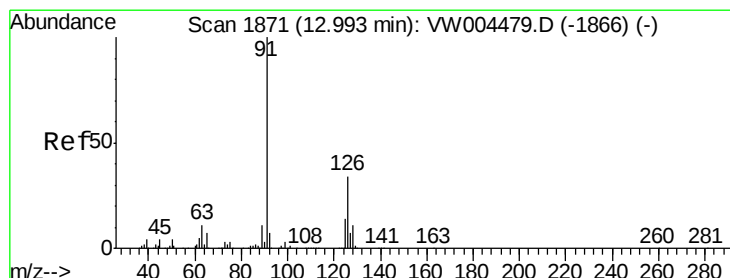
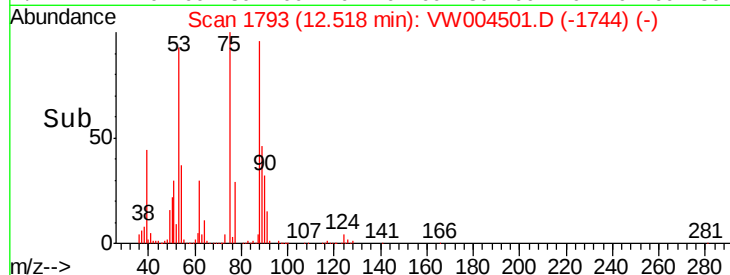
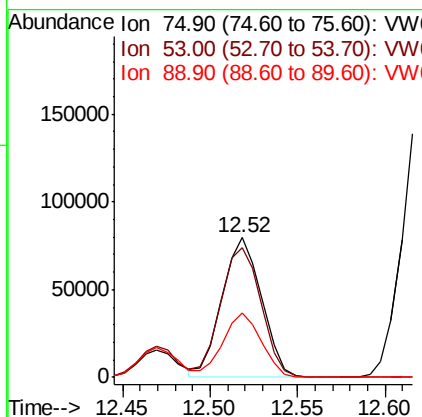
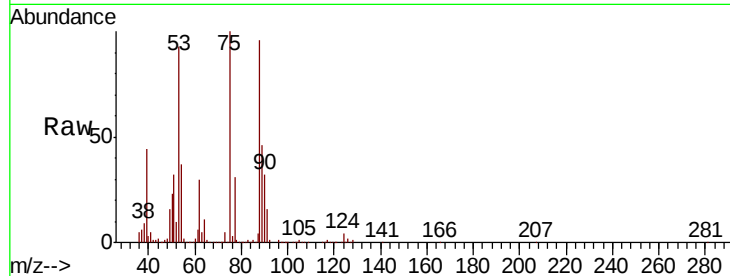
#81
trans-1,4-Dichloro-2-butene
Concen: 49.33 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	74.4	111.6
89	44.2	35.9	53.9

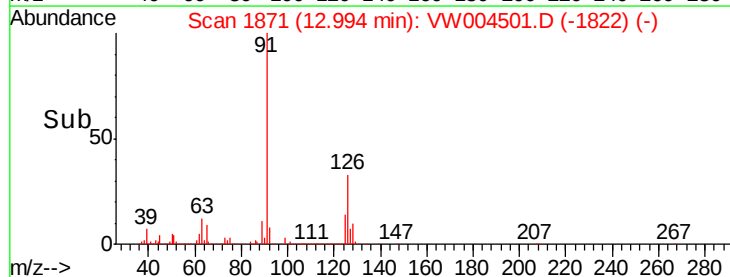
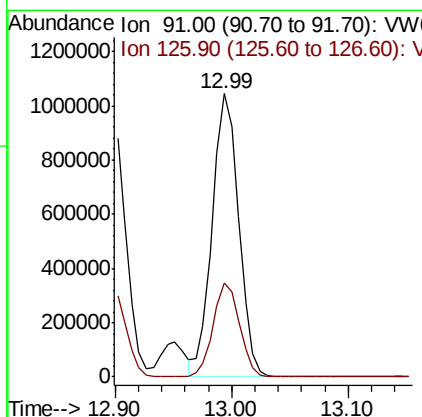
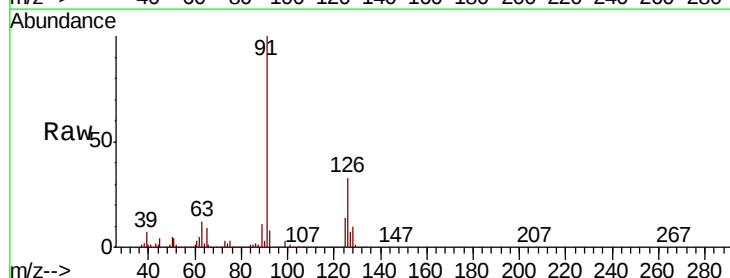
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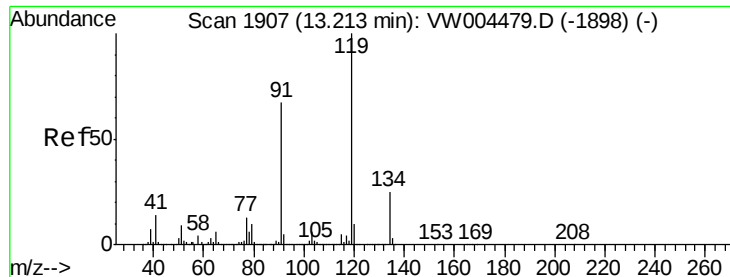
apatel
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#82
4-Chlorotoluene
Concen: 53.20 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





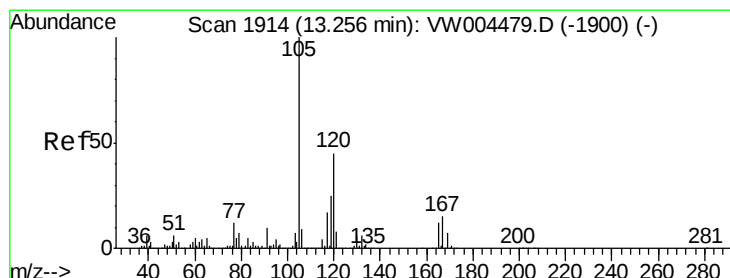
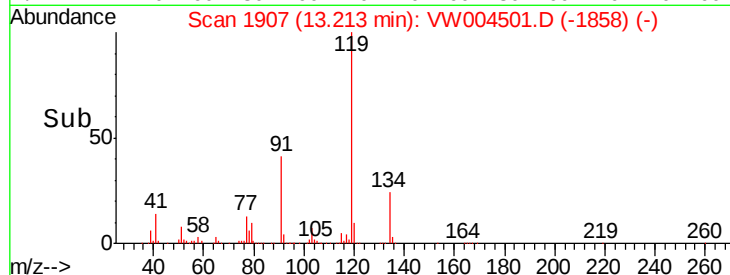
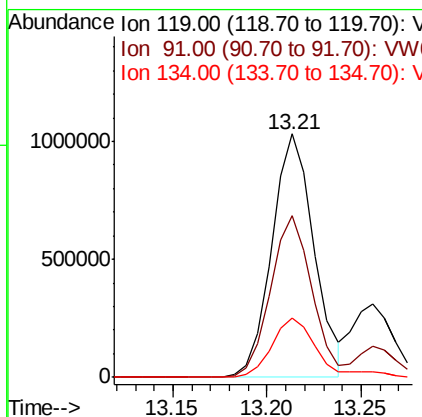
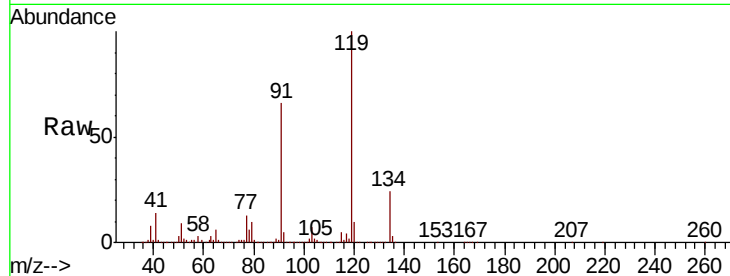
#83
 tert-Butylbenzene
 Concen: 55.24 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	33.3	99.8
134	26.4	12.2	36.6

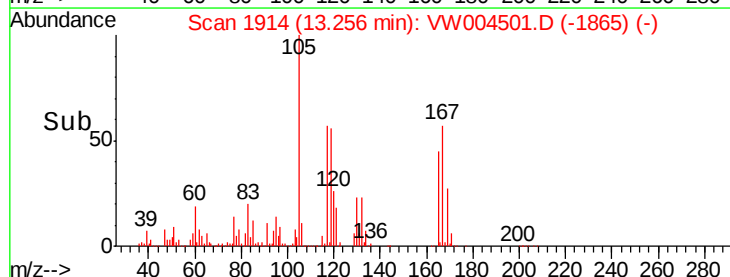
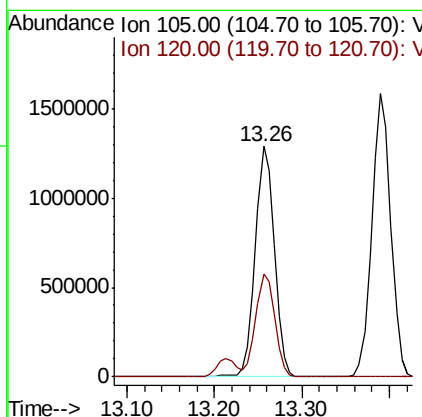
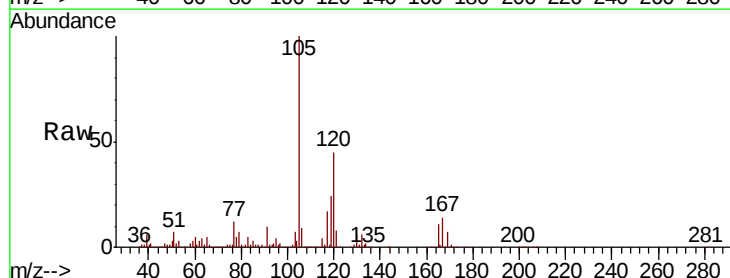
Manual Integrations
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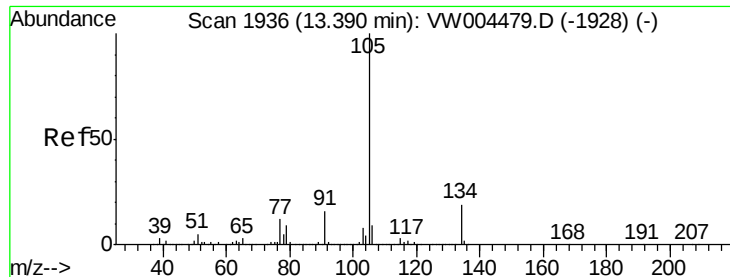
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.55 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.8





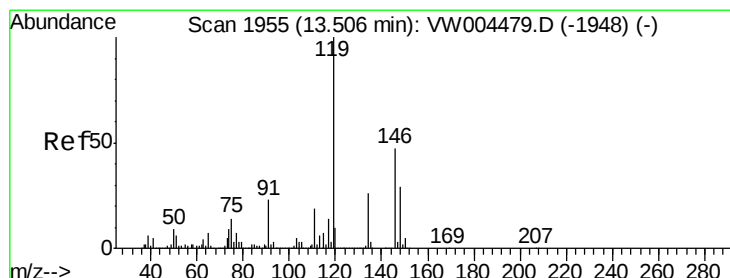
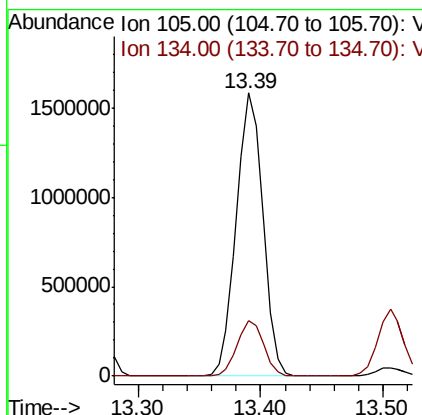
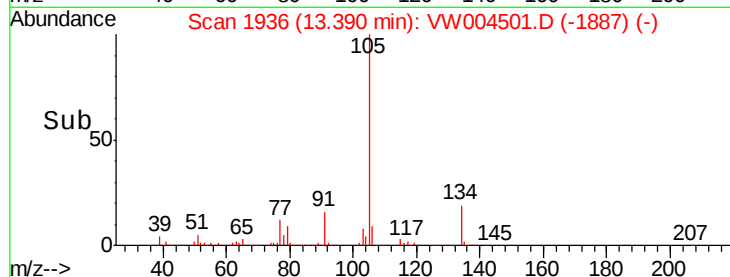
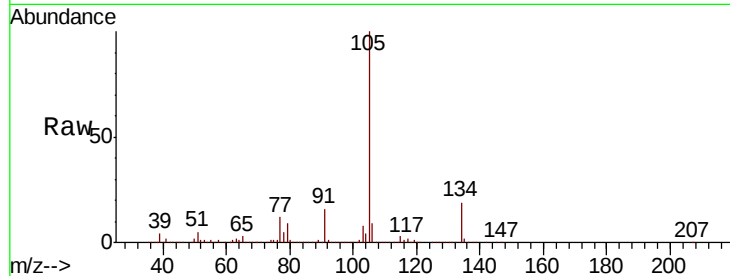
#85
 sec-Butylbenzene
 Concen: 54.54 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

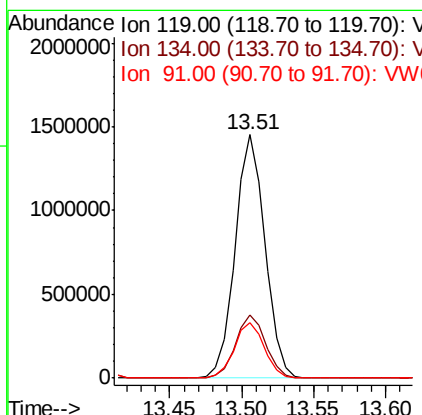
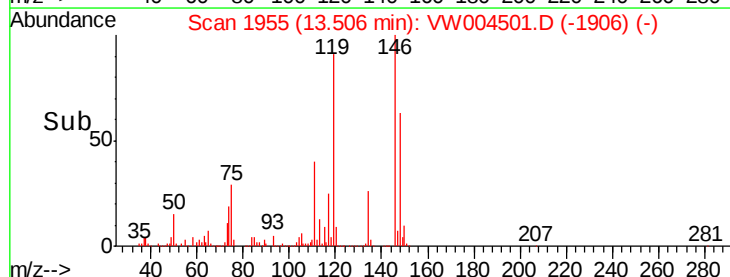
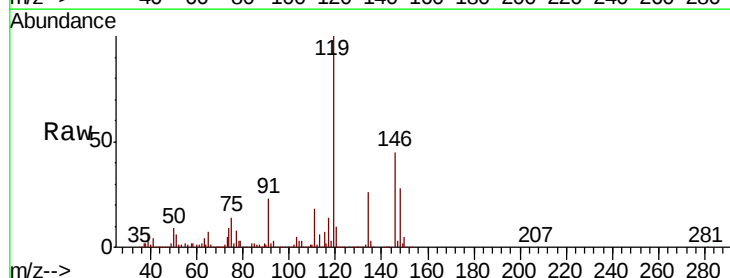
Manual Integrations
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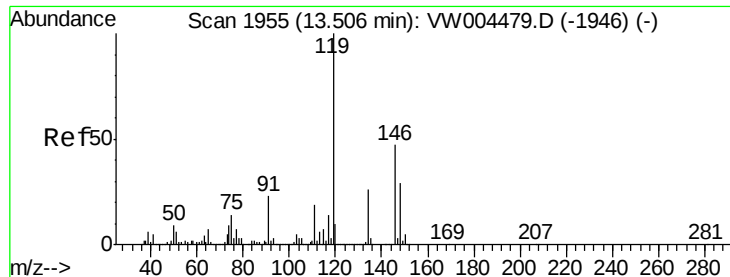
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#86
 p-Isopropyltoluene
 Concen: 55.10 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	22.9	11.4	34.1





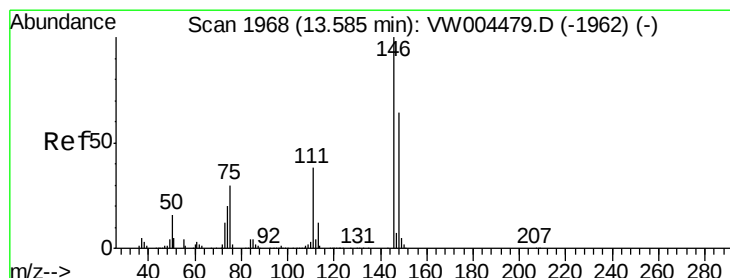
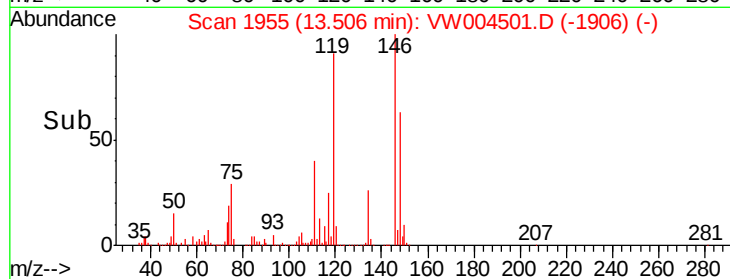
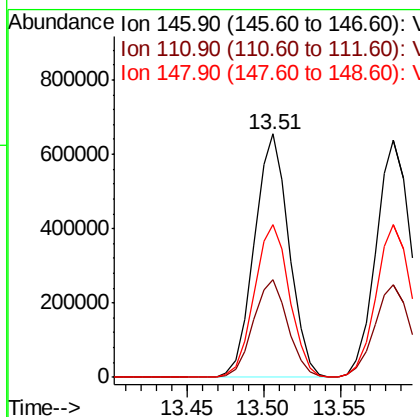
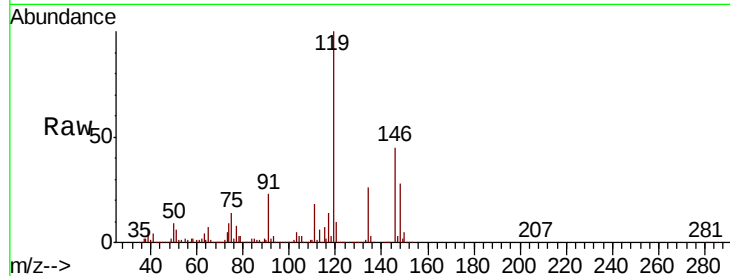
#87
 1,3-Dichlorobenzene
 Concen: 51.20 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.5	31.7	95.1

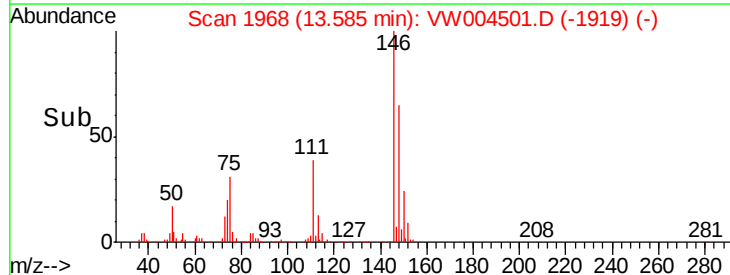
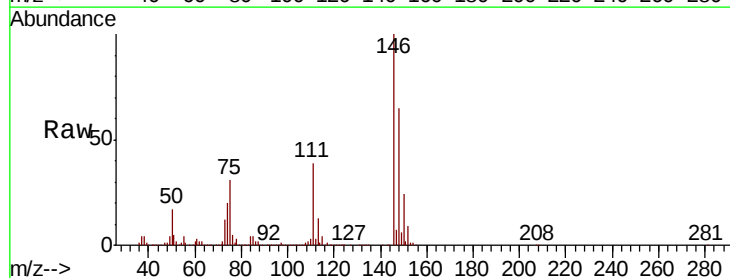
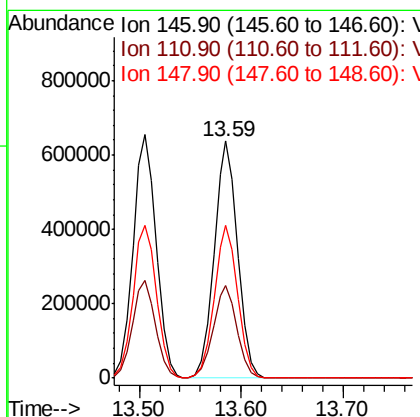
Manual Integrations
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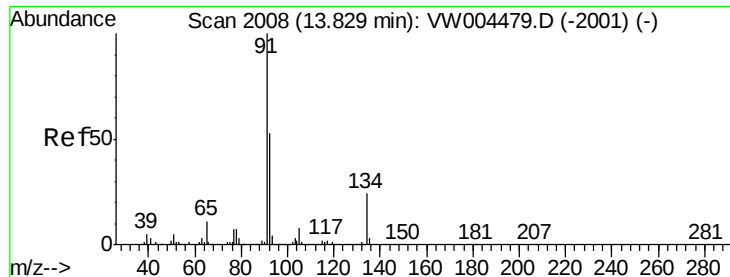
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#88
 1,4-Dichlorobenzene
 Concen: 50.50 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	64.6	31.9	95.5





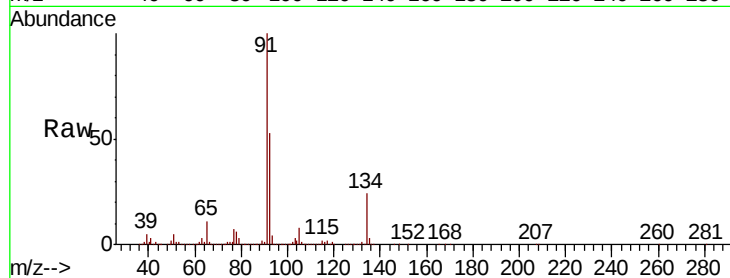
#89
n-Butylbenzene
Concen: 54.76 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

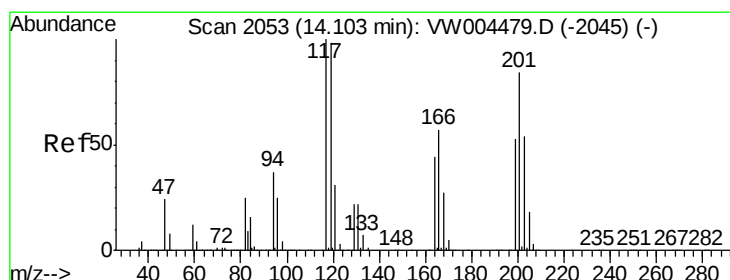
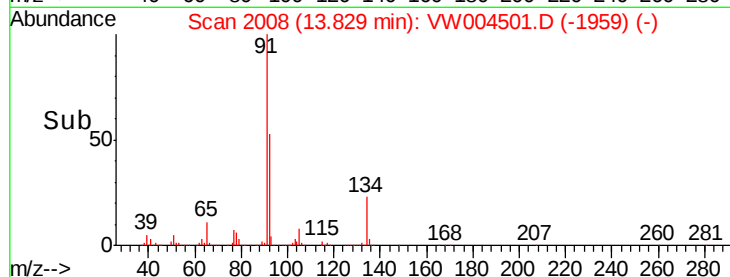
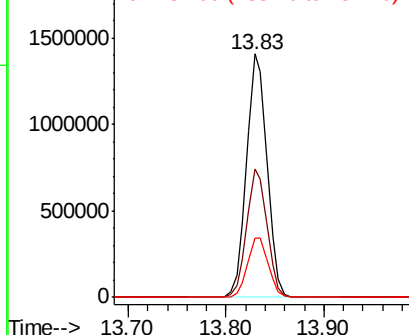
Tot Ion: 91 Resp: 2037932
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 24.8 12.4 37.2

Manual Integrations
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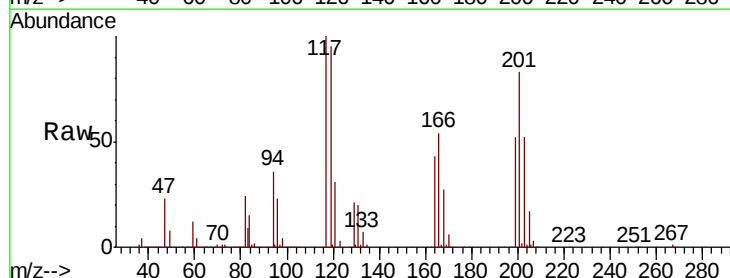


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V

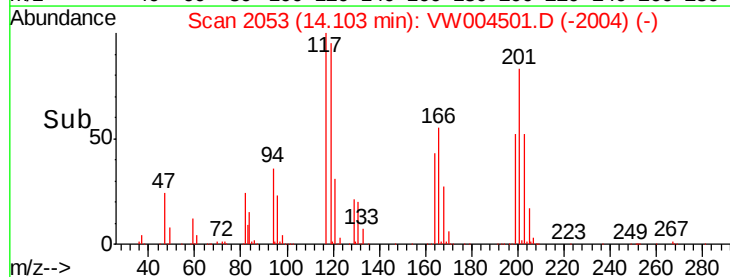
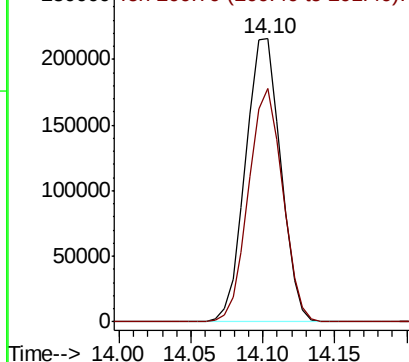


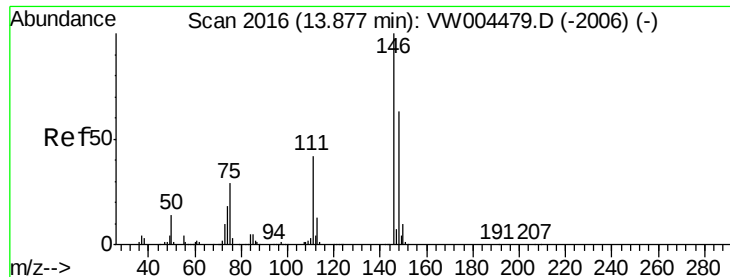
#90
Hexachloroethane
Concen: 52.16 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion: 117 Resp: 365555
Ion Ratio Lower Upper
117 100
201 80.0 40.1 120.3



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





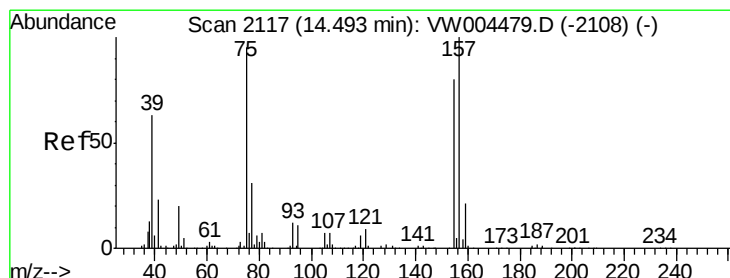
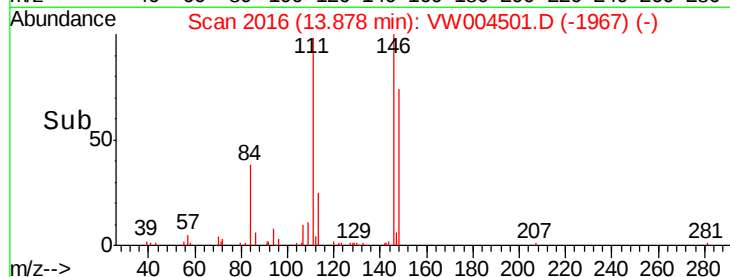
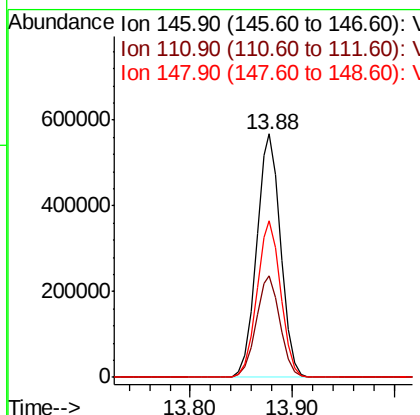
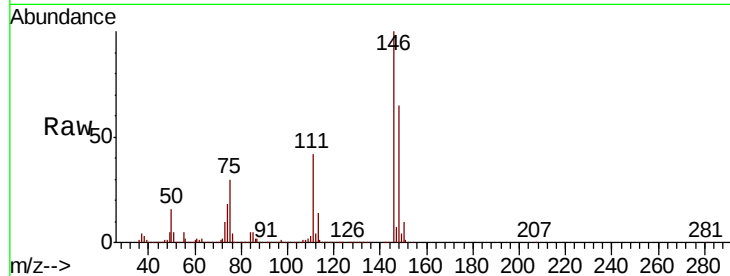
#91
 1,2-Dichlorobenzene
 Concen: 50.81 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.6	20.8	62.2	
148	63.8	31.8	95.4	

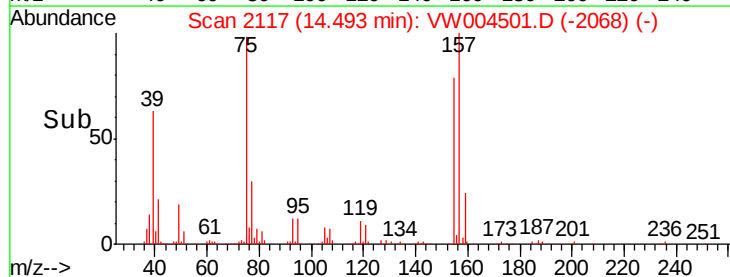
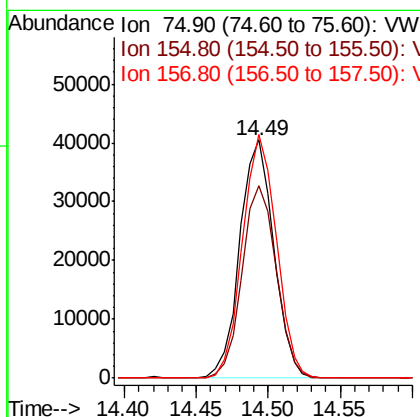
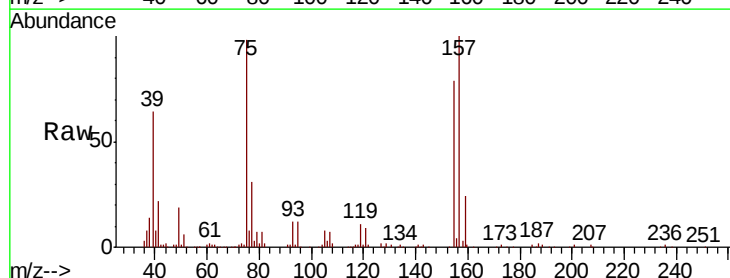
Manual Integrations
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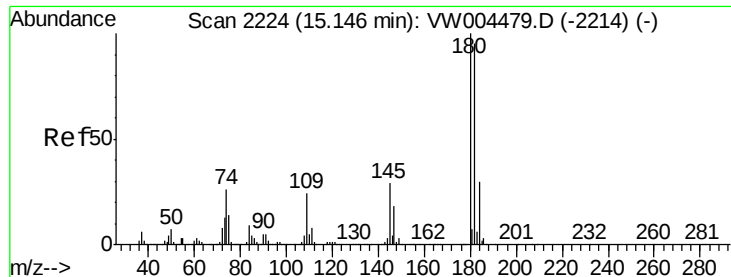
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.97 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	81.0	41.3	123.7	
157	101.7	52.6	157.8	





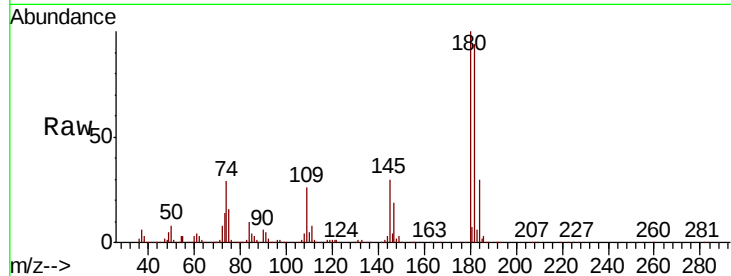
#93
 1,2,4-Trichlorobenzene
 Concen: 51.77 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	47.9	143.6	
145	29.9	14.9	44.9	

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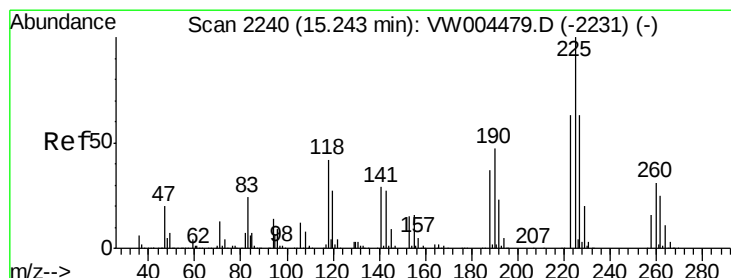
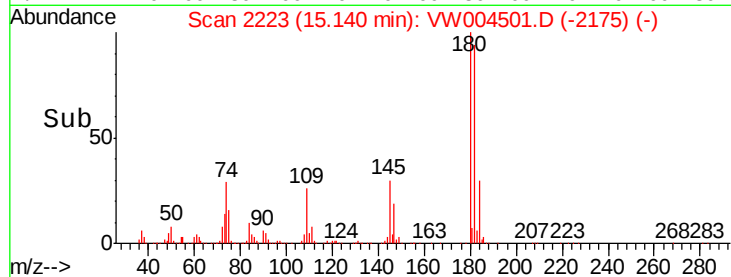
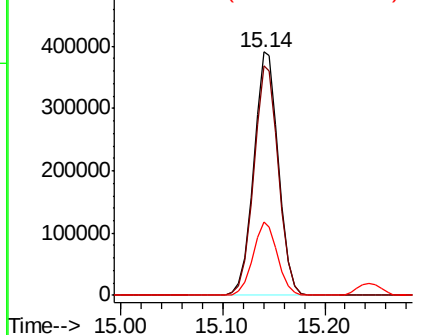


Abundance

Ion 179.80 (179.50 to 180.50): V

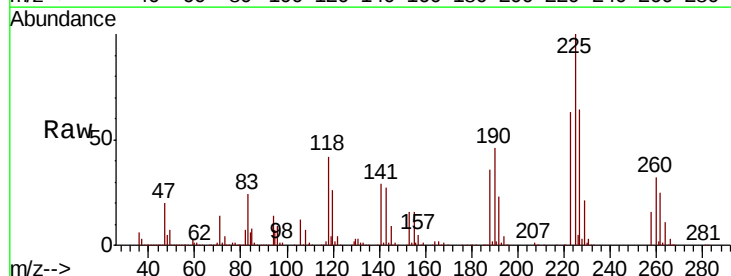
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.31 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004501.D
 Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.3	93.8	
227	63.6	31.8	95.4	

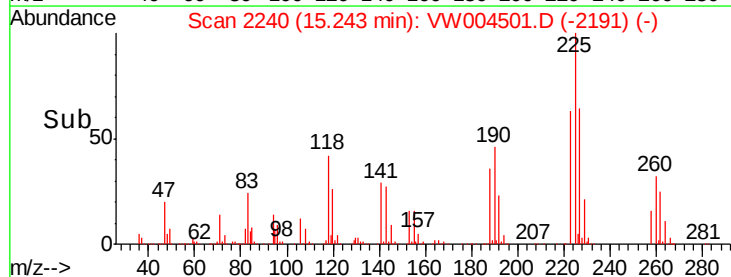
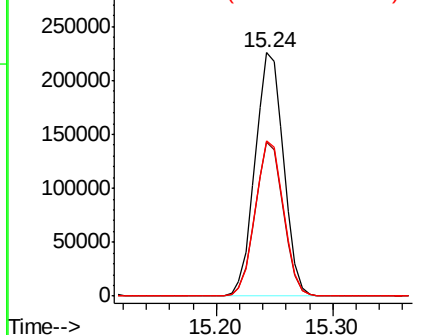


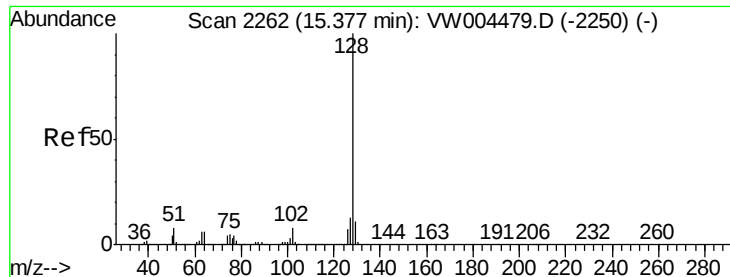
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





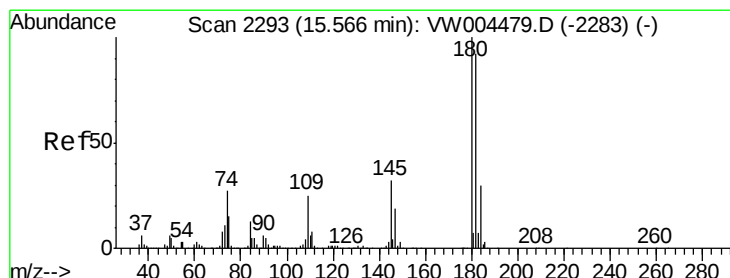
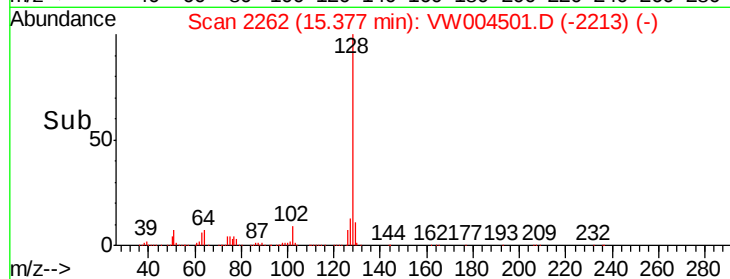
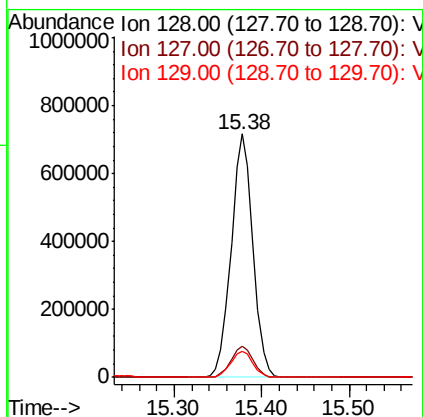
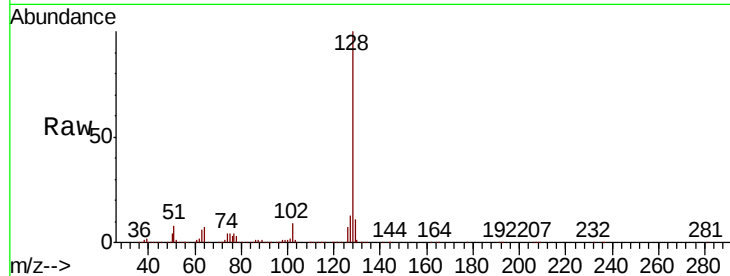
#95
Naphthalene
Concen: 47.44 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.48 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004501.D
Acq: 07 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.2
145	31.8	15.9	47.6

