

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003475.D
 Acq On : 23 Jun 2018 21:37
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/26/2018 10:57:28 AM

Quant Time: Jun 25 04:24:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	487185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	456483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	245062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	170883	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.30%		
35) Dibromofluoromethane	7.89	113	156138	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.16%		
50) Toluene-d8	10.33	98	615417	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.54%		
62) 4-Bromofluorobenzene	12.63	95	228827	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.74%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	62942	68.81	ug/l	85
3) Chloromethane	2.21	50	103631	44.84	ug/l	92
4) Vinyl Chloride	2.36	62	149938	44.51	ug/l	99
5) Bromomethane	2.78	94	90086	40.23	ug/l	94
6) Chloroethane	2.93	64	92349	39.38	ug/l	99
7) Trichlorofluoromethane	3.26	101	91951	45.56	ug/l	93
8) Diethyl Ether	3.68	74	78552	52.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	134900	48.13	ug/l	99
10) Methyl Iodide	4.26	142	218343	51.51	ug/l	97
11) Tert butyl alcohol	5.25	59	53198	302.69	ug/l	97
12) 1,1-Dichloroethene	4.03	96	135949	49.64	ug/l	97
13) Acrolein	3.90	56	37186	147.99	ug/l	95
14) Allyl chloride	4.67	41	252607	53.25	ug/l	93
15) Acrylonitrile	5.38	53	174175	285.53	ug/l	99
16) Acetone	4.15	43	155950	226.90	ug/l	98
17) Carbon Disulfide	4.37	76	387622	47.87	ug/l	99
18) Methyl Acetate	4.68	43	95648	58.66	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	296395	57.78	ug/l	98
20) Methylene Chloride	4.91	84	153910	52.93	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	148730	49.90	ug/l	99
22) Diisopropyl ether	6.32	45	523091	54.79	ug/l	98
23) Vinyl Acetate	6.26	43	1514305	275.22	ug/l	100
24) 1,1-Dichloroethane	6.21	63	293154	51.72	ug/l	98
25) 2-Butanone	7.19	43	236377	276.58	ug/l	98
26) 2,2-Dichloropropane	7.17	77	173660	45.91	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	171346	52.33	ug/l	98
28) Bromochloromethane	7.51	49	134489	57.02	ug/l	98
29) Tetrahydrofuran	7.54	42	152461	291.89	ug/l	99
30) Chloroform	7.68	83	294907	51.07	ug/l	98
31) Cyclohexane	7.96	56	245045	46.28	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	232121	48.70	ug/l	98
36) 1,1-Dichloropropene	8.09	75	220068	46.77	ug/l	99
37) Ethyl Acetate	7.26	43	106688	54.74	ug/l	99
38) Carbon Tetrachloride	8.07	117	207951	45.06	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260257	47.81	ug/l	98
40) Benzene	8.33	78	649475	50.08	ug/l	98
41) Methacrylonitrile	7.49	41	65304	54.60	ug/l	98
42) 1,2-Dichloroethane	8.40	62	198076	48.75	ug/l	99
43) Isopropyl Acetate	8.43	43	210354	54.35	ug/l	99
44) Trichloroethene	9.10	130	166832	48.55	ug/l	98
45) 1,2-Dichloropropane	9.37	63	168994	51.18	ug/l	99
46) Dibromomethane	9.46	93	85685	50.68	ug/l	100
47) Bromodichloromethane	9.65	83	216039	49.85	ug/l	100
48) Methyl methacrylate	9.44	41	102623	56.42	ug/l	96
49) 1,4-Dioxane	9.49	88	27590	1080.86	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	554385	281.11	ug/l	98
52) Toluene	10.39	92	406931	48.93	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	227998	51.51	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	257233	51.06	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	121568	51.03	ug/l	99
56) Ethyl methacrylate	10.65	69	165129	57.08	ug/l	96
57) 1,3-Dichloropropane	10.94	76	213376	51.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	356446	274.86	ug/l	99
59) 2-Hexanone	10.98	43	381749	277.09	ug/l	98
60) Dibromochloromethane	11.13	129	145405	51.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	117454	52.12	ug/l	98
64) Tetrachloroethene	10.87	164	143968	47.15	ug/l	99
65) Chlorobenzene	11.66	112	459402	48.33	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	159567	47.77	ug/l	99
67) Ethyl Benzene	11.74	91	818302	48.56	ug/l	100
68) m/p-Xylenes	11.85	106	610529	95.31	ug/l	99
69) o-Xylene	12.17	106	296672	49.98	ug/l	100
70) Styrene	12.19	104	498423	50.44	ug/l	99
71) Bromoform	12.35	173	85969	49.66	ug/l #	99
73) Isopropylbenzene	12.47	105	828375	48.60	ug/l	99
74) N-amyl acetate	12.28	43	209462	53.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	176942	61.36	ug/l	88
76) 1,2,3-Trichloropropane	12.77	75	101769m	48.58	ug/l	
77) Bromobenzene	12.76	156	188180	47.41	ug/l	97
78) n-propylbenzene	12.81	91	975997	46.76	ug/l	100
79) 2-Chlorotoluene	12.90	91	561128	47.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	677558	47.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45012	49.44	ug/l	98
82) 4-Chlorotoluene	12.99	91	581161	46.45	ug/l	99
83) tert-Butylbenzene	13.21	119	581057	47.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	688967	46.81	ug/l	100
85) sec-Butylbenzene	13.39	105	851734	47.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	751001	46.98	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	376883	46.22	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	372557	45.95	ug/l	100
89) n-Butylbenzene	13.83	91	725410	46.56	ug/l	100
90) Hexachloroethane	14.10	117	134509	46.52	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	335408	46.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24321	50.12	ug/l	92

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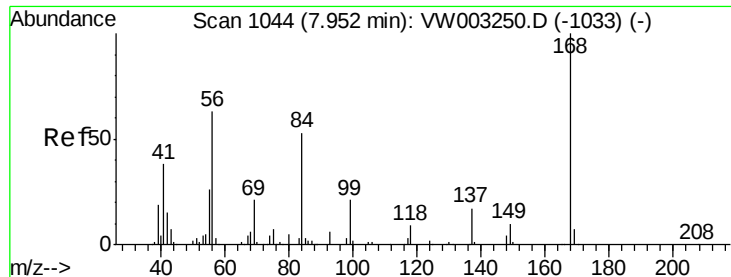
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	249903	49.83	ug/l	99
94) Hexachlorobutadiene	15.25	225	135593	44.95	ug/l	99
95) Naphthalene	15.38	128	473045	55.61	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	218488	49.50	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: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 302547

Ion Ratio Lower Upper

168 100

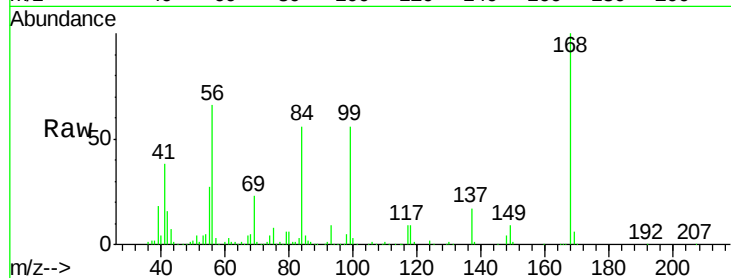
99 55.7 45.5 68.3

Manual Integrations

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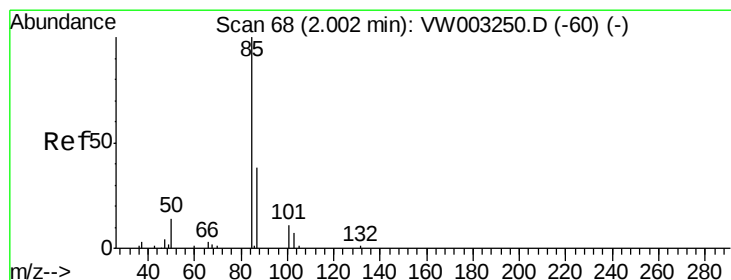
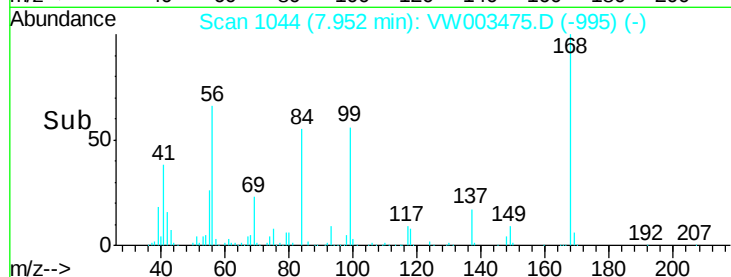
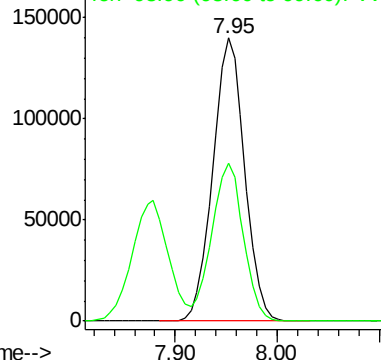
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 68.81 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003475.D

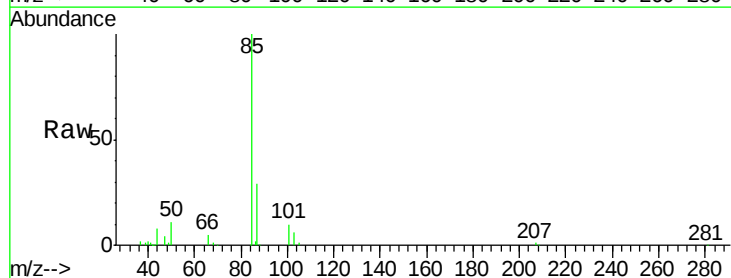
Acq: 23 Jun 2018 21:37

Tgt Ion: 85 Resp: 62942

Ion Ratio Lower Upper

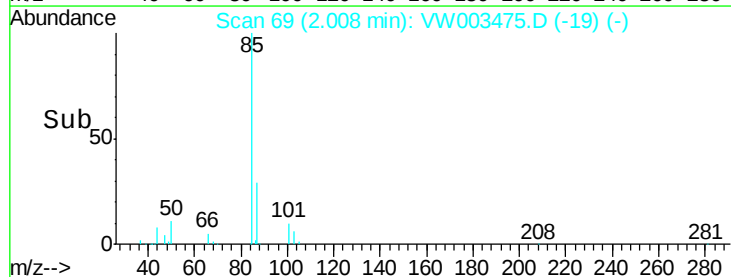
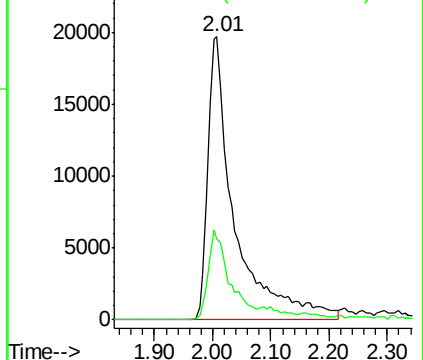
85 100

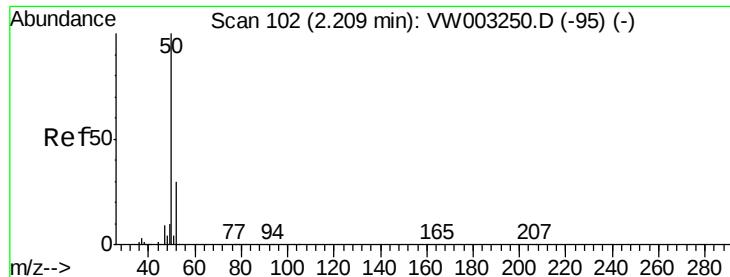
87 28.8 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.84 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 103631

Ion Ratio Lower Upper

50 100

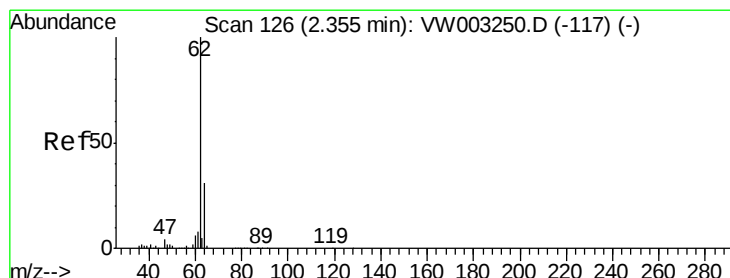
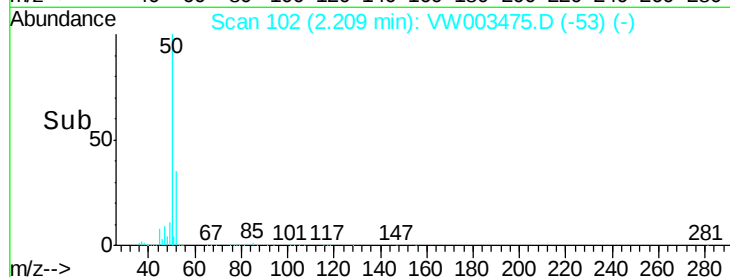
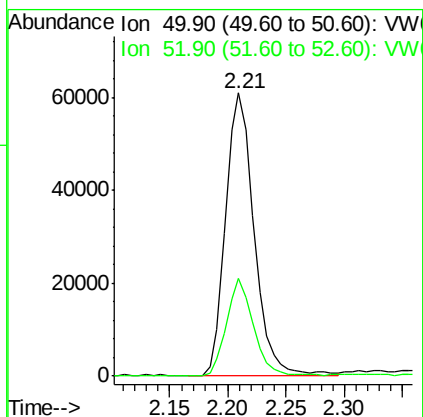
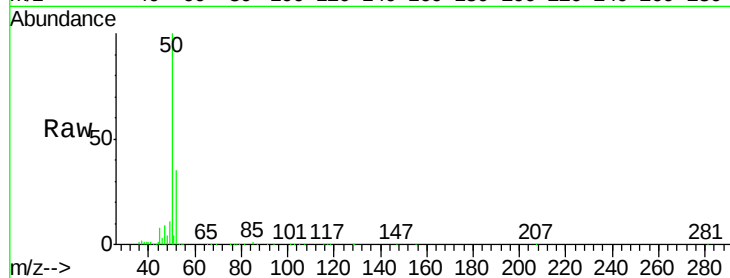
52 34.7 24.2 36.2

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#4

Vinyl Chloride

Concen: 44.51 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003475.D

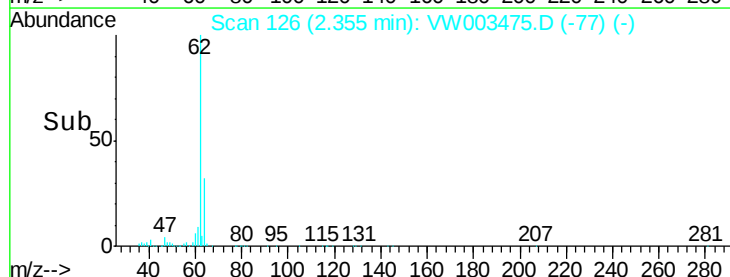
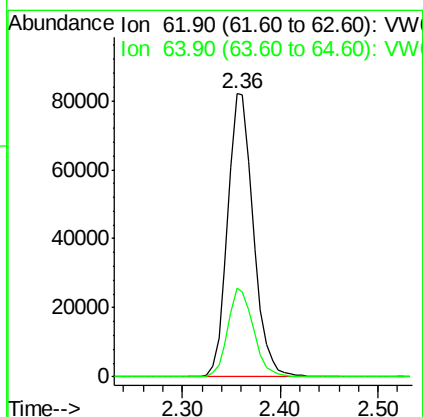
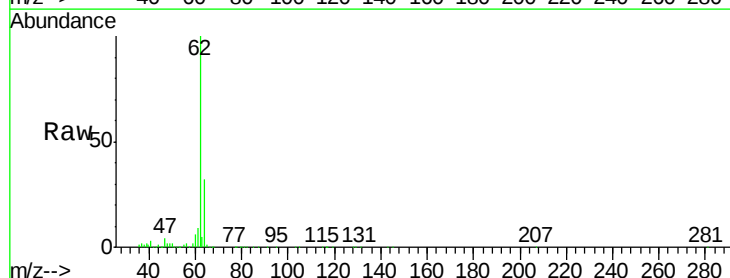
Acq: 23 Jun 2018 21:37

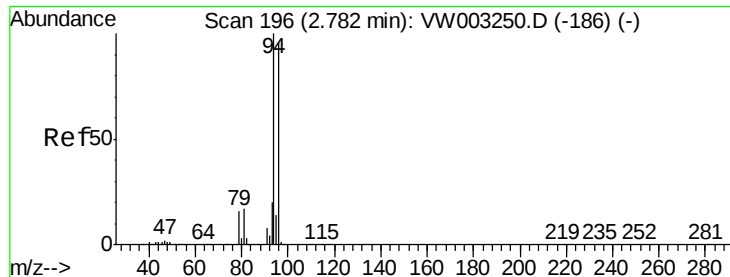
Tgt Ion: 62 Resp: 149938

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 40.23 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 90086

Ion Ratio Lower Upper

94 100

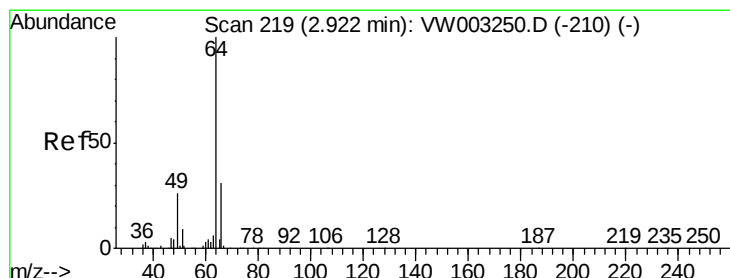
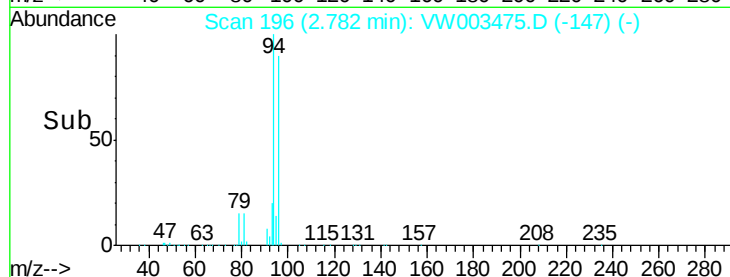
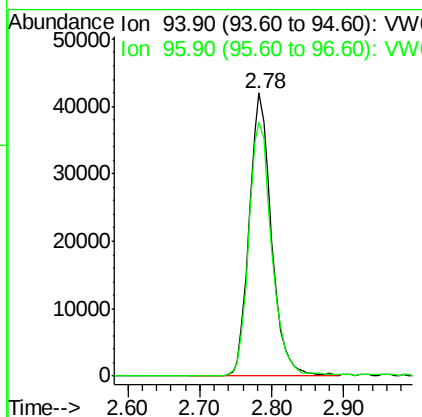
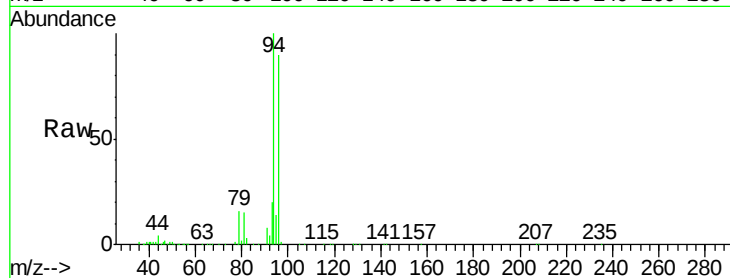
96 89.8 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 39.38 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003475.D

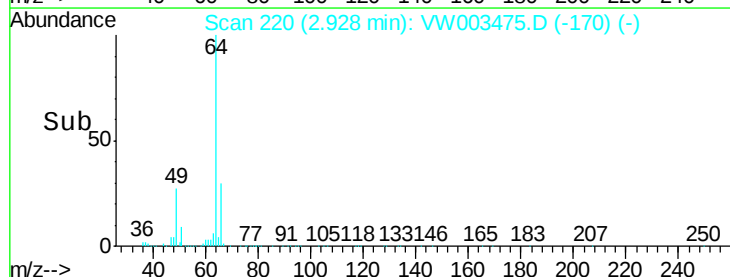
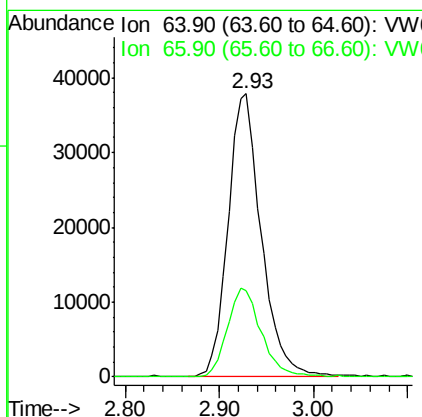
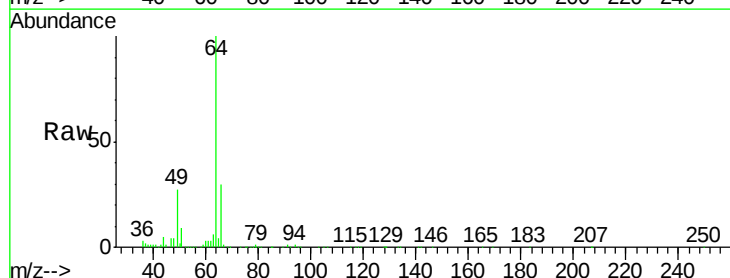
Acq: 23 Jun 2018 21:37

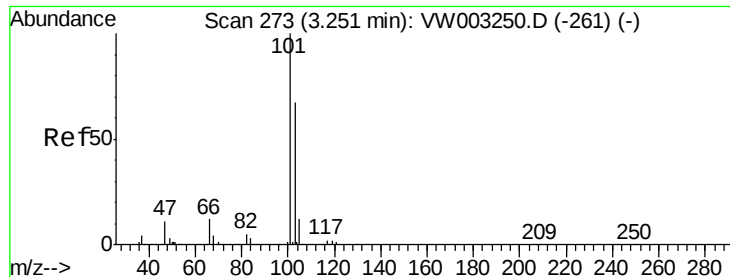
Tgt Ion: 64 Resp: 92349

Ion Ratio Lower Upper

64 100

66 30.0 24.4 36.6





#7

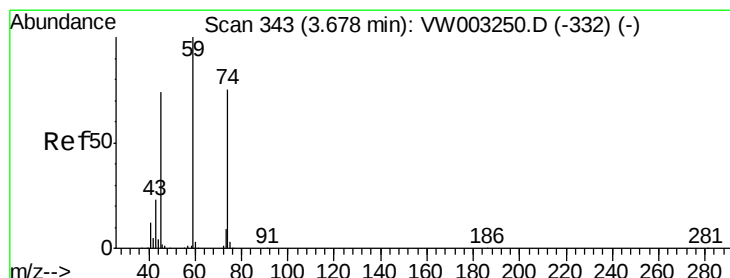
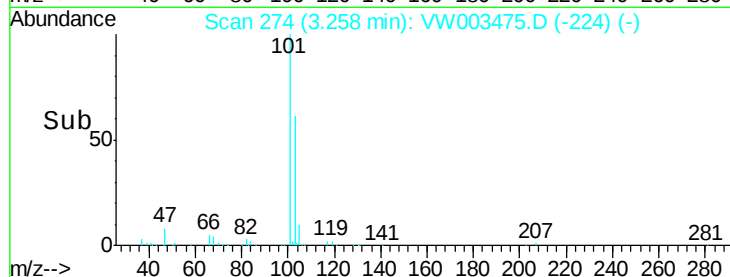
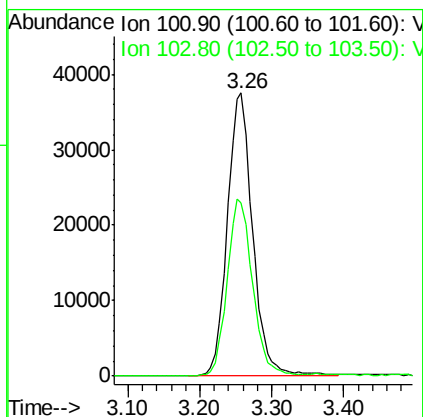
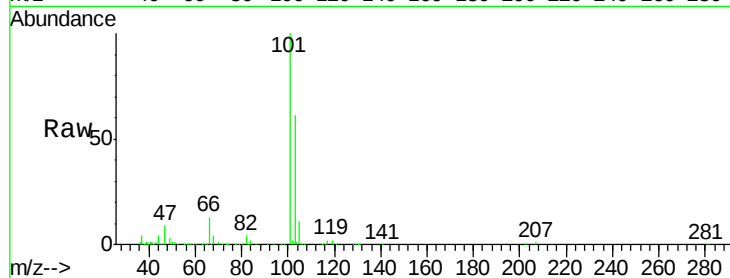
Trichlorofluoromethane
Concen: 45.56 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003475.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	53.4	80.0

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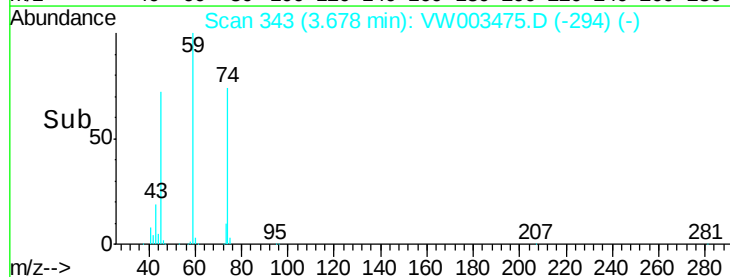
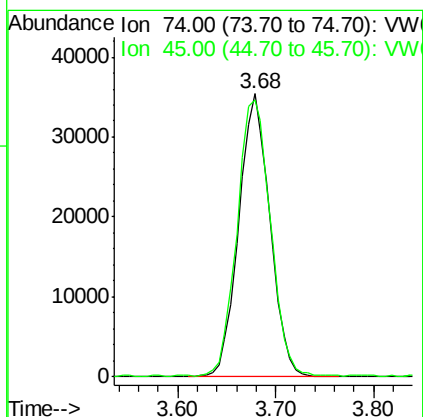
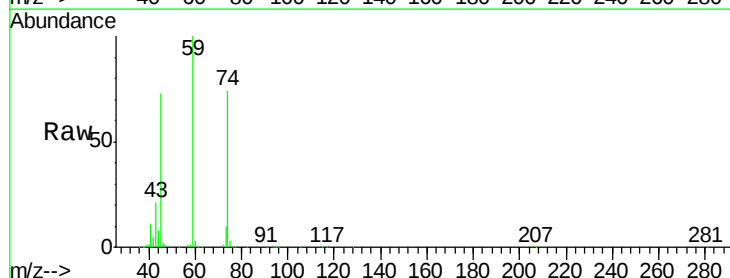
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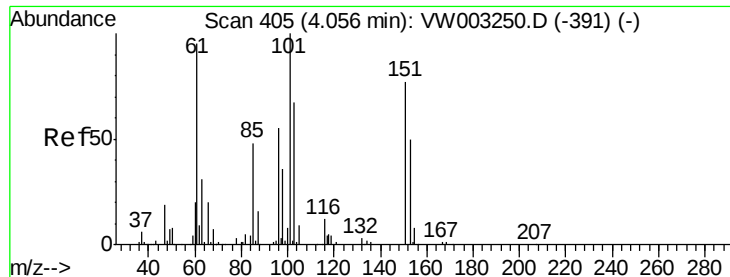


#8

Diethyl Ether
Concen: 52.98 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003475.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.13 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003475.D

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Instrument :

MSVOA_W

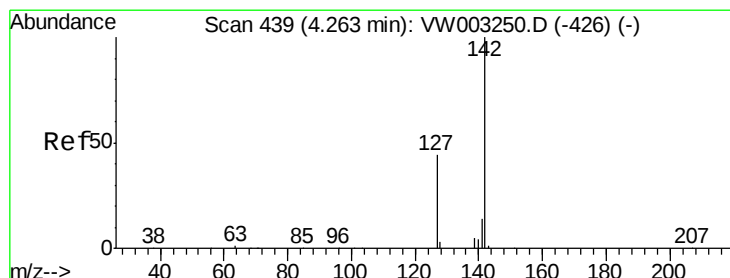
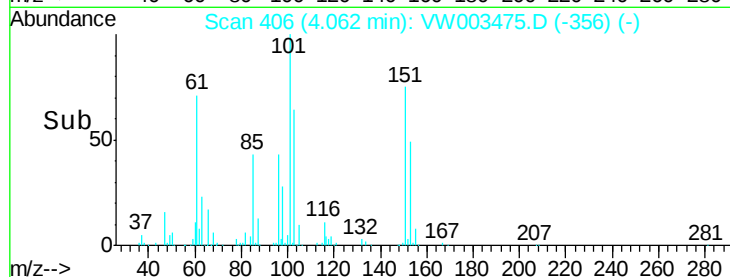
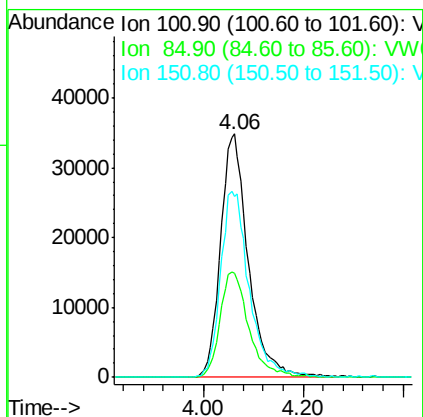
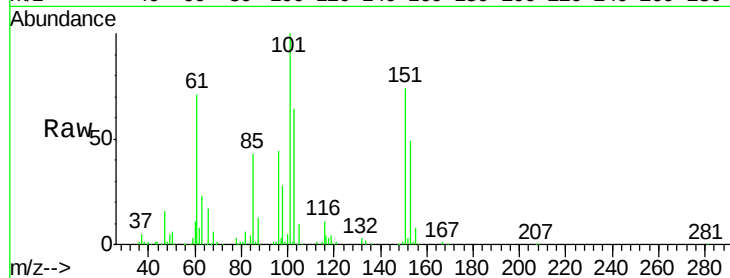
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	134900
Ion Ratio	Lower	Upper	
101	100		
85	44.5	37.0	55.6
151	78.8	63.3	94.9

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#10

Methyl Iodide

Concen: 51.51 ug/l

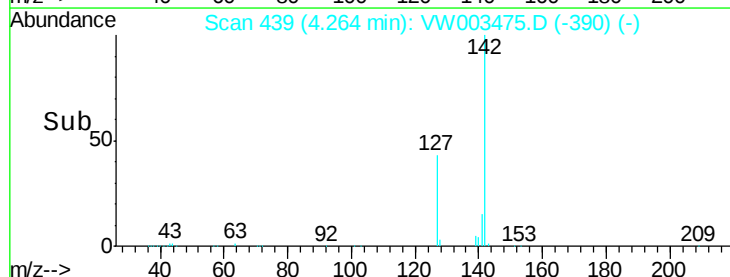
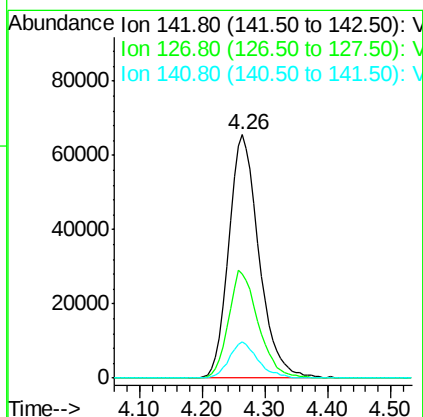
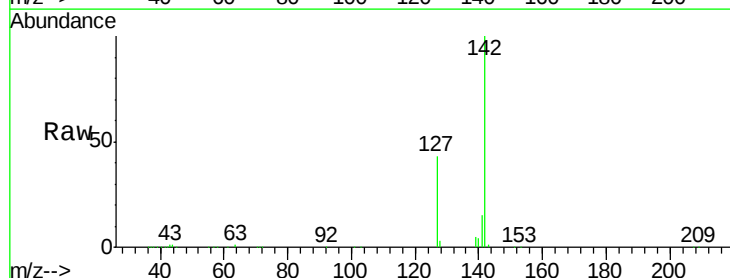
RT: 4.26 min Scan# 439

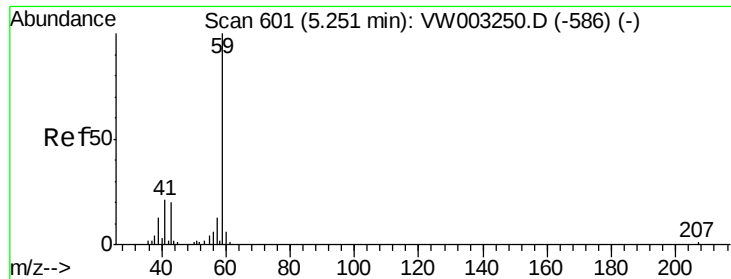
Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion:	142	Resp:	218343
Ion Ratio	Lower	Upper	
142	100		
127	43.7	36.5	54.7
141	14.4	12.1	18.1





#11

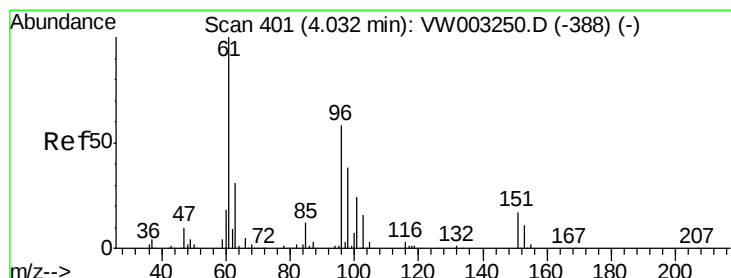
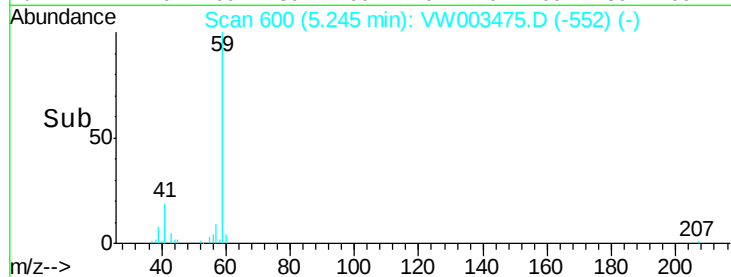
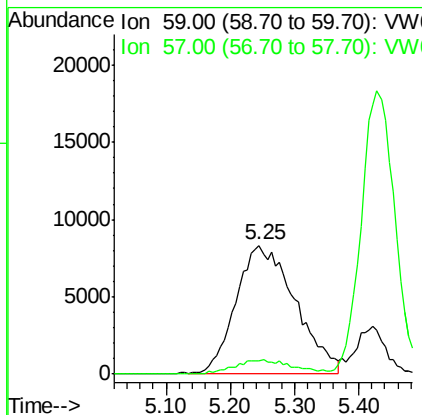
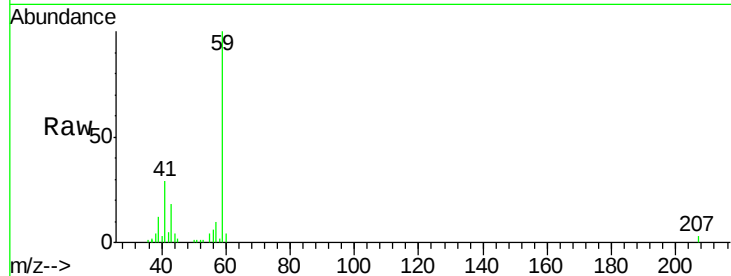
Tert butyl alcohol
 Concen: 302.69 ug/l
 RT: 5.25 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	53198
Ion Ratio	100	Lower	Upper
57	4.3	4.2	6.2

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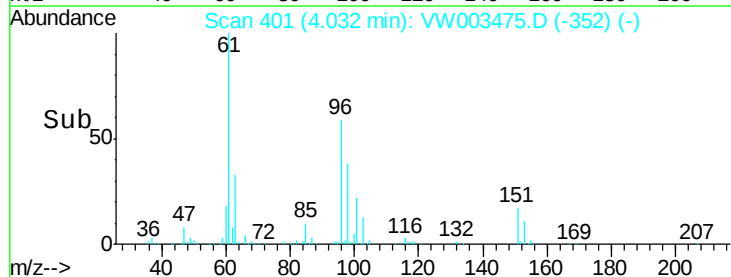
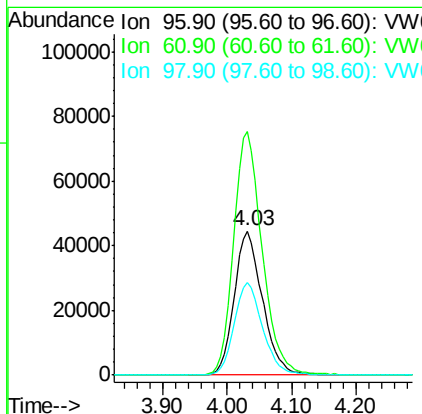
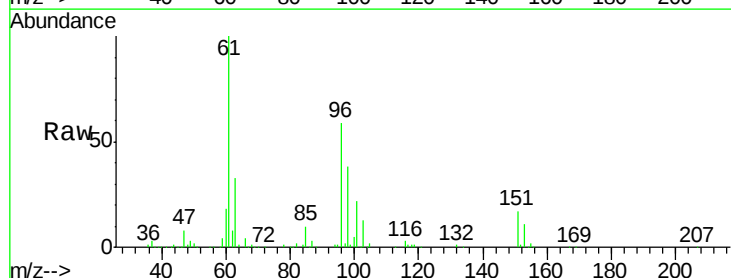
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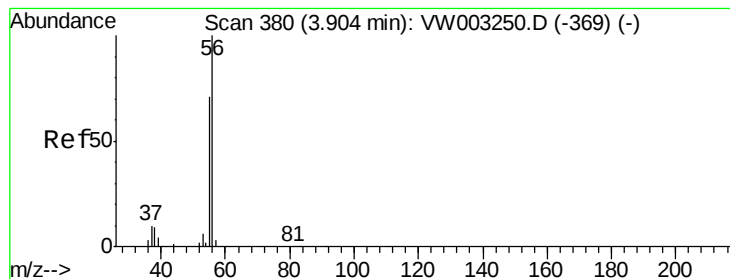


#12

1,1-Dichloroethene
 Concen: 49.64 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	96	Resp	135949
Ion Ratio	100	Lower	Upper
61	169.2	139.0	208.4
98	64.5	53.3	79.9





#13

Acrolein

Concen: 147.99 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 37186

Ion Ratio Lower Upper

56 100

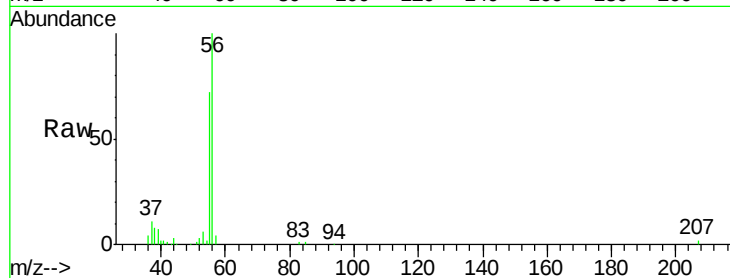
55 73.3 55.4 83.2

Manual Integrations

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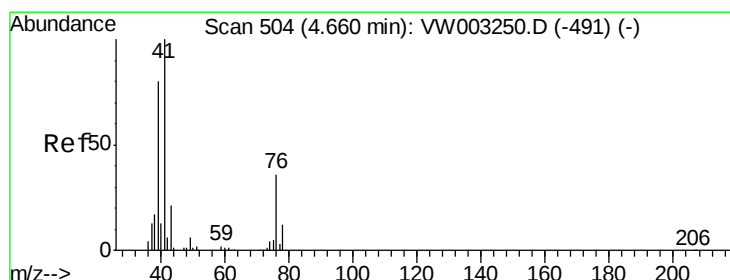
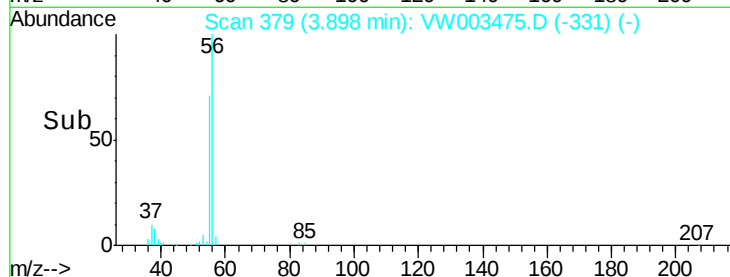
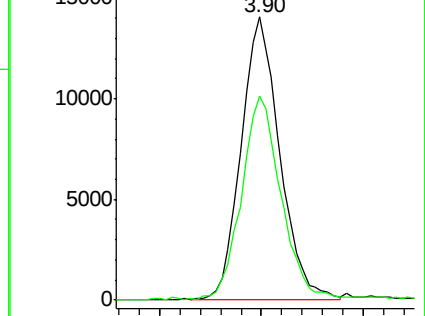
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 53.25 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

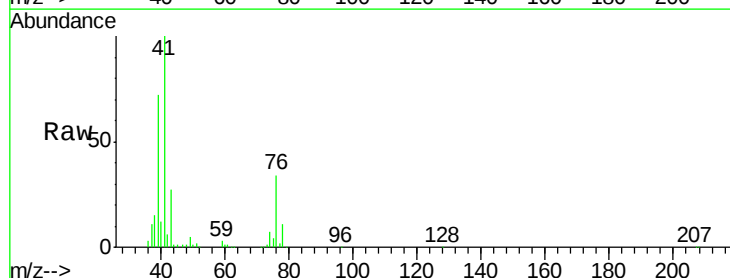
Tgt Ion: 41 Resp: 252607

Ion Ratio Lower Upper

41 100

39 71.2 63.2 94.8

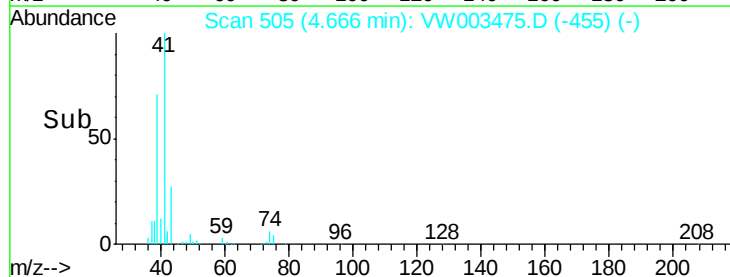
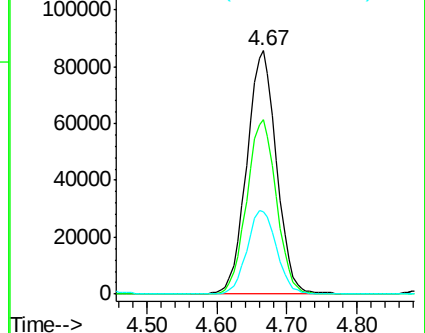
76 34.1 28.0 42.0

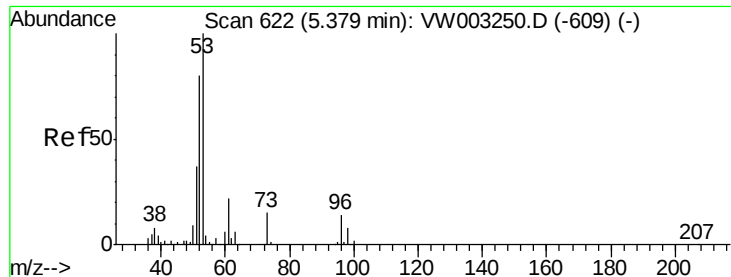


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 285.53 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

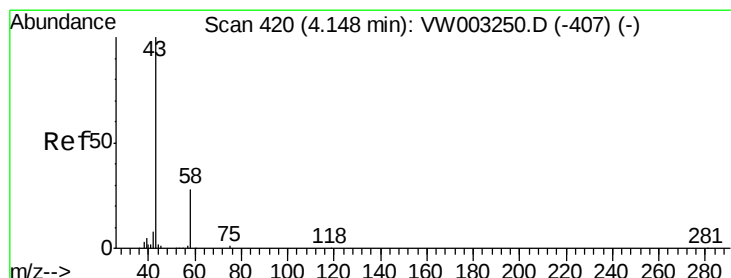
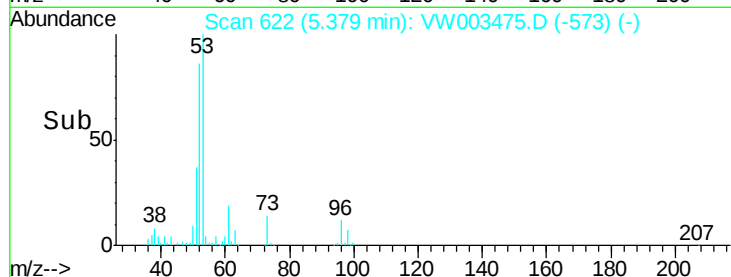
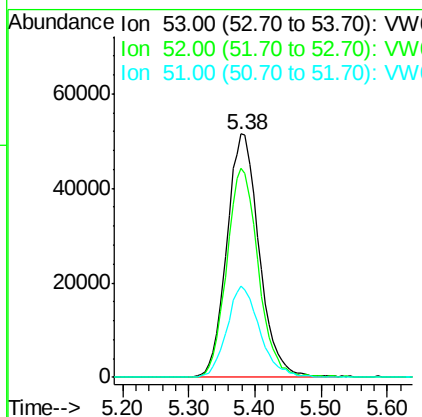
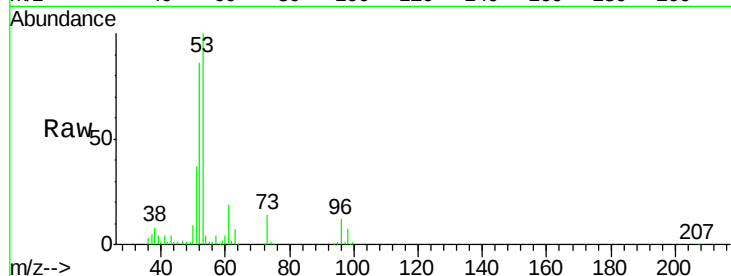
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	174175
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.6	100.0
51	38.4	30.6	46.0

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#16

Acetone

Concen: 226.90 ug/l

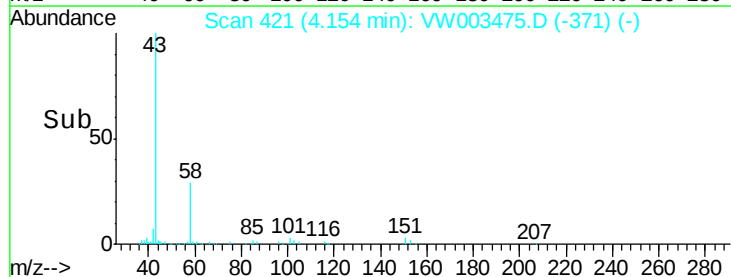
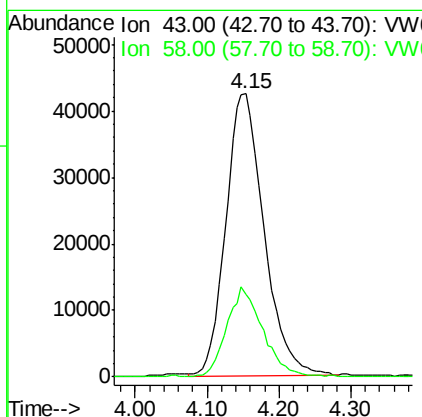
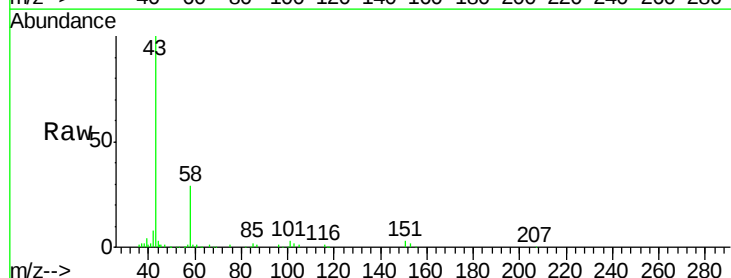
RT: 4.15 min Scan# 421

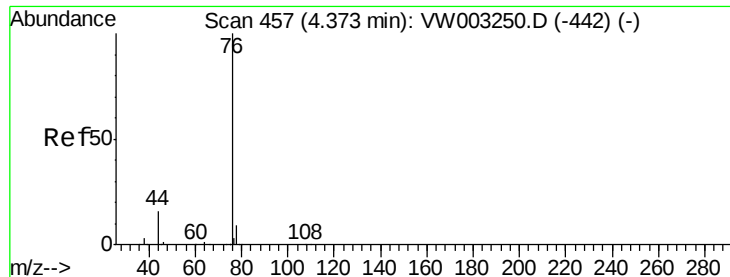
Delta R.T. 0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion	43	Resp	155950
Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.6	34.0





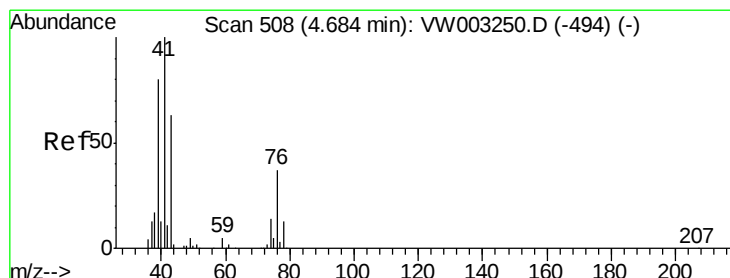
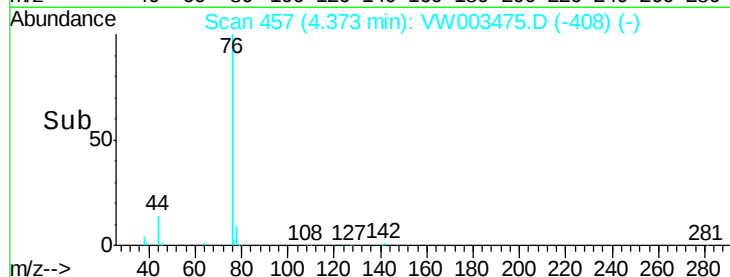
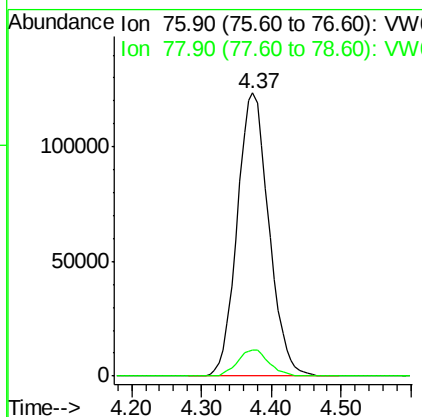
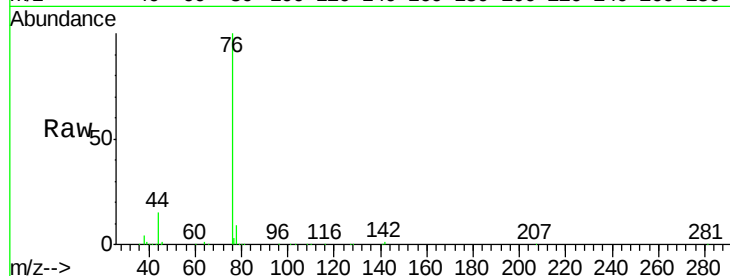
#17
Carbon Disulfide
Concen: 47.87 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

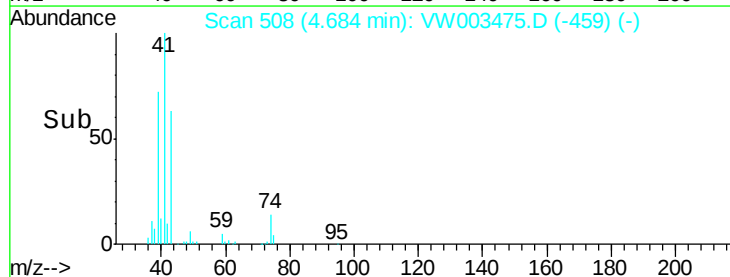
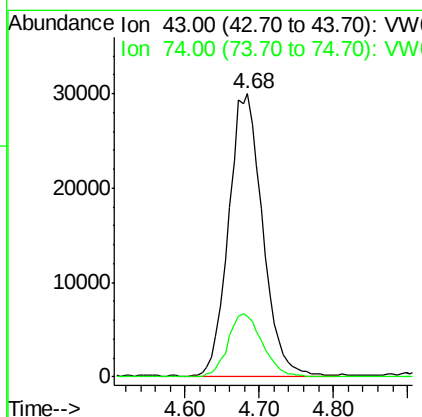
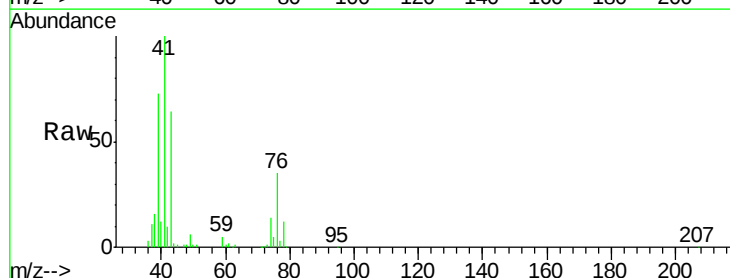
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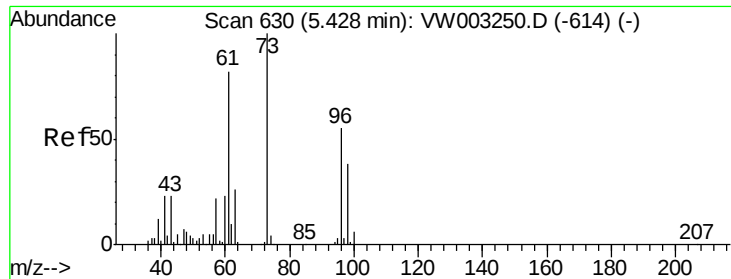
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#18
Methyl Acetate
Concen: 58.66 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.7	28.1





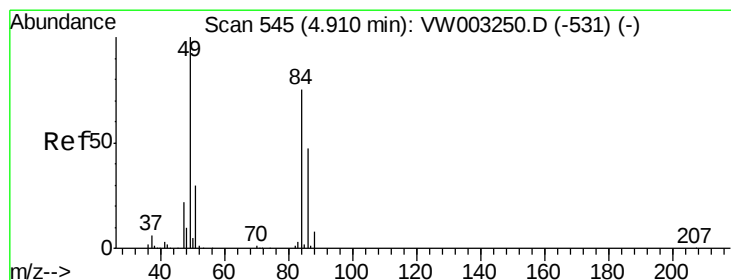
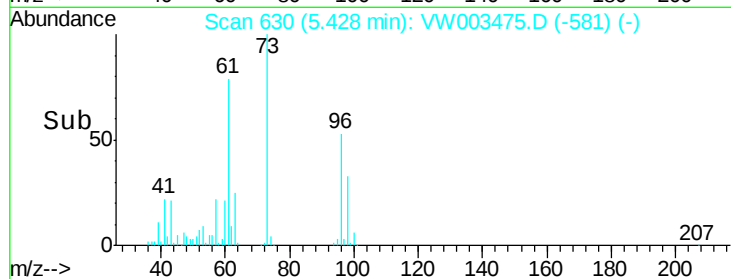
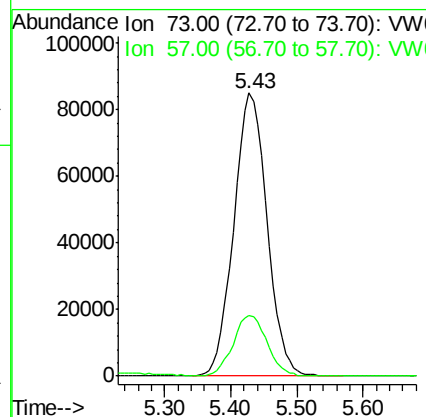
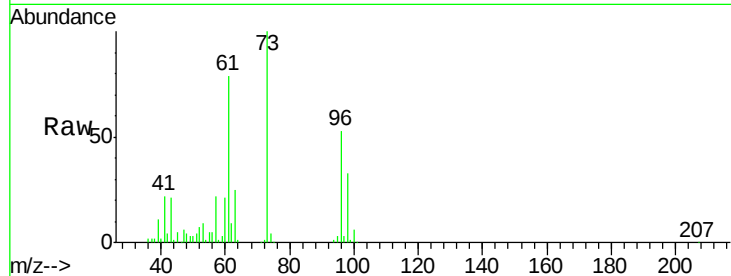
#19
Methvl tert-butvl Ether
Concen: 57.78 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.0	27.0

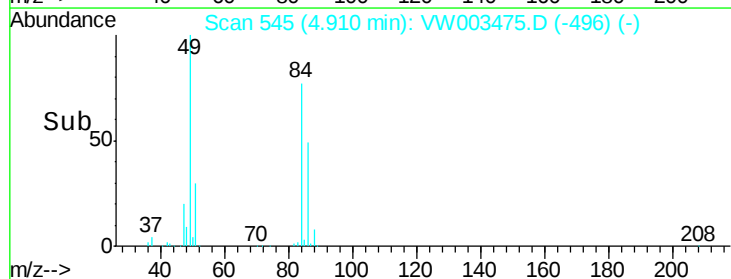
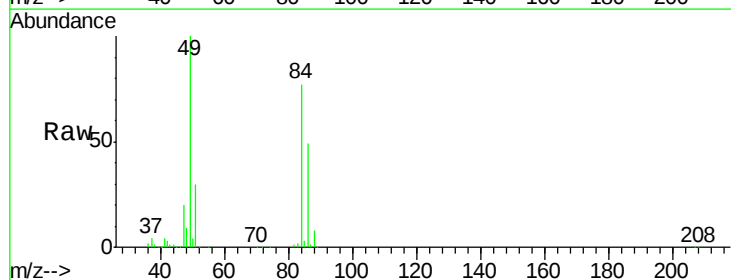
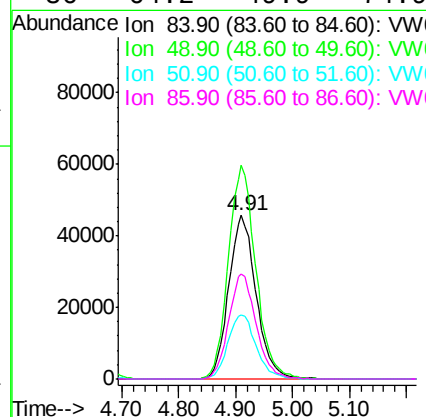
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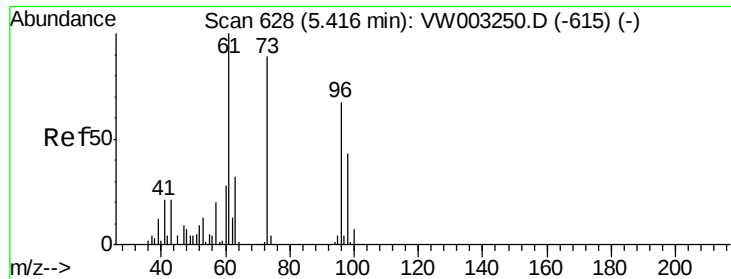
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#20
Methylene Chloride
Concen: 52.93 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.6	106.3	159.5
51	38.9	32.0	48.0
86	64.2	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 49.90 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

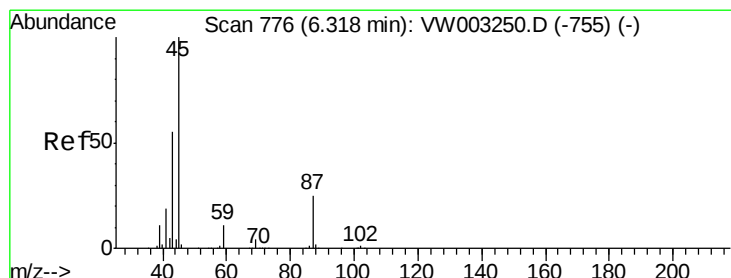
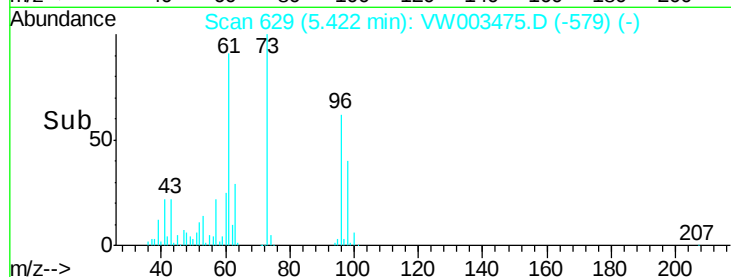
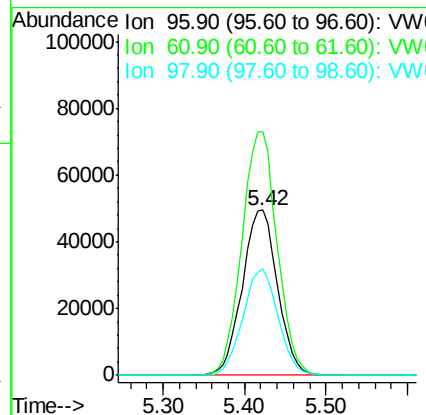
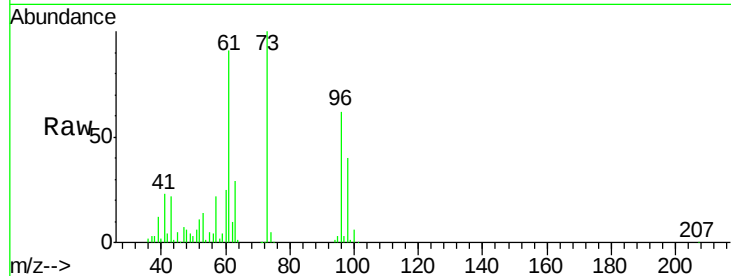
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	148730
Ion	Ratio	Lower	Upper
96	100		
61	147.3	118.7	178.1
98	64.8	51.0	76.6

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#22

Diisopropyl ether

Concen: 54.79 ug/l

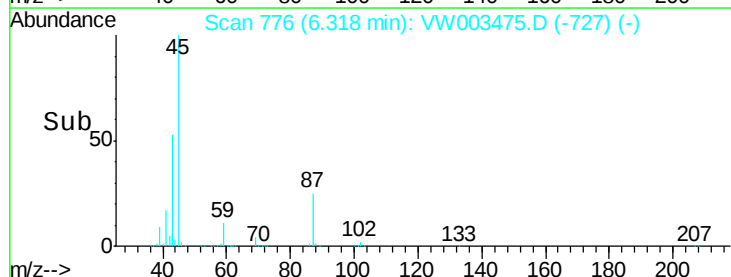
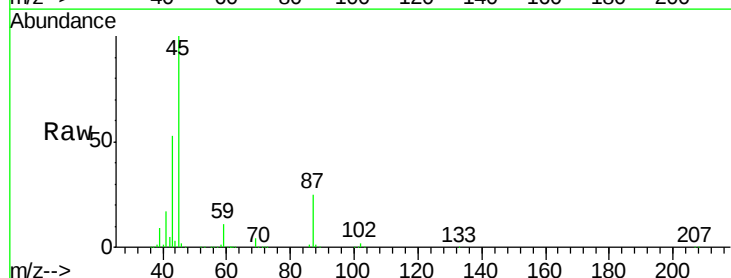
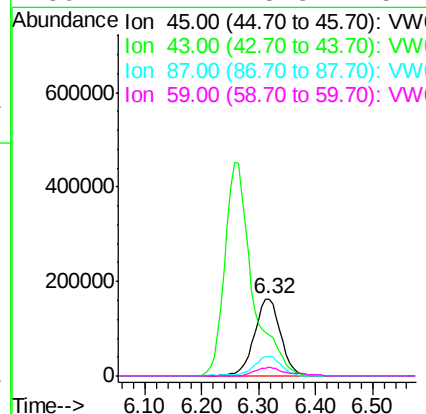
RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion:	45	Resp:	523091
Ion	Ratio	Lower	Upper
45	100		
43	53.2	44.0	66.0
87	24.5	20.6	31.0
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 275.22 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tot Ion: 43 Resp: 1514305

Ion Ratio Lower Upper

43 100

86 9.2 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

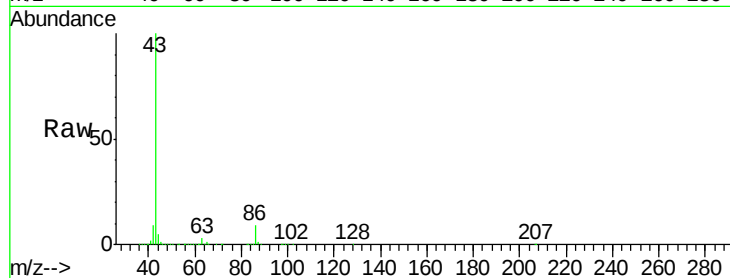
VSTDCCC050EC

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

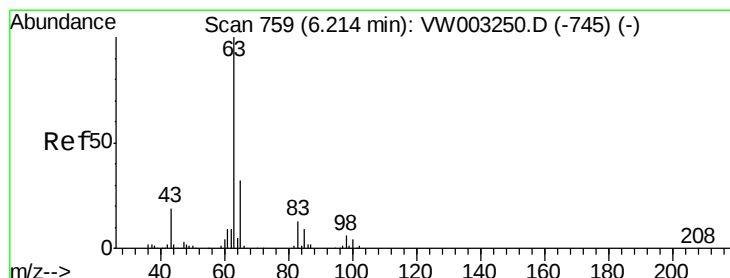
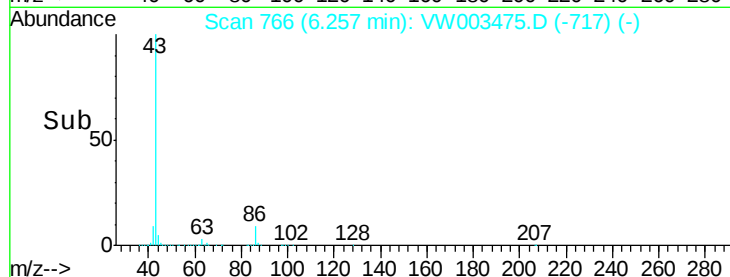
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.72 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

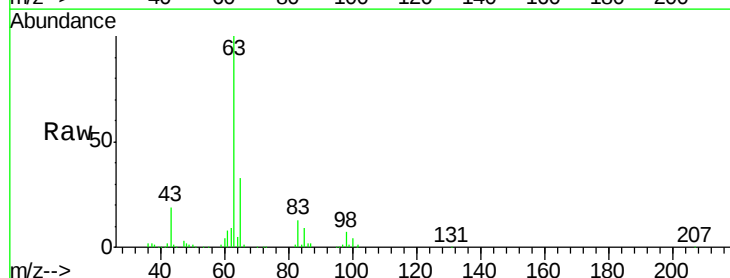
Tgt Ion: 63 Resp: 293154

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

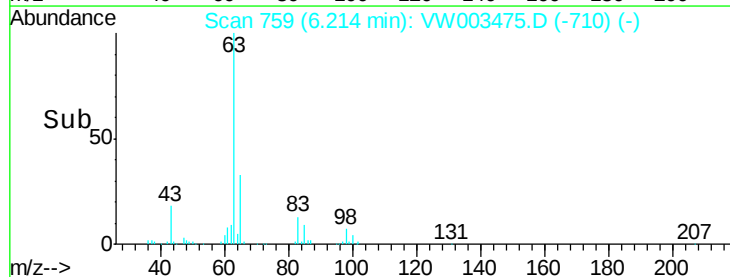
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 276.58 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 236377

Ion Ratio Lower Upper

43 100

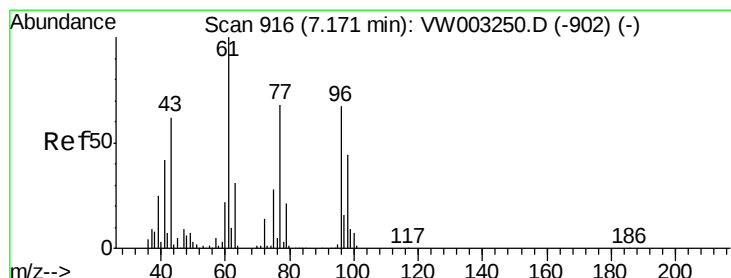
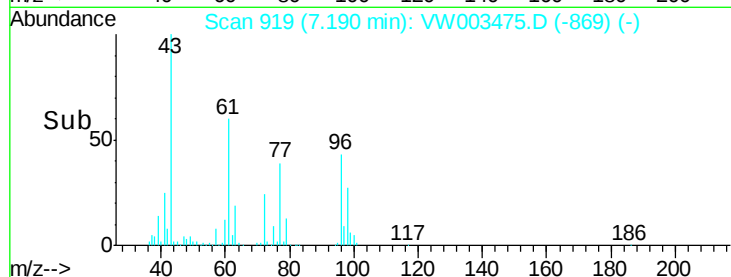
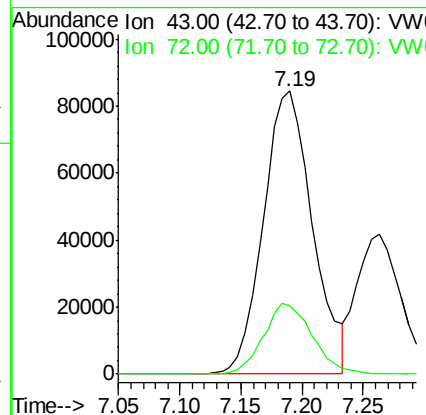
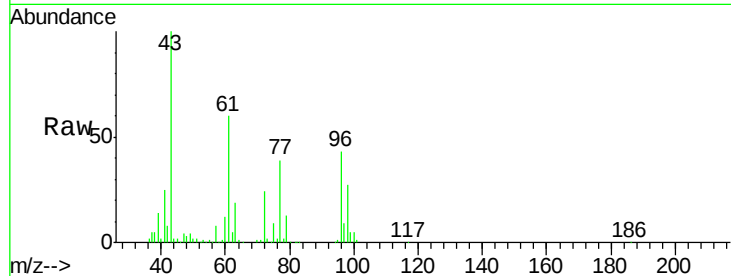
72 24.3 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 45.91 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003475.D

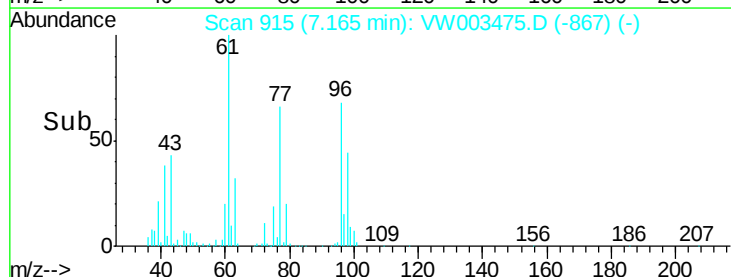
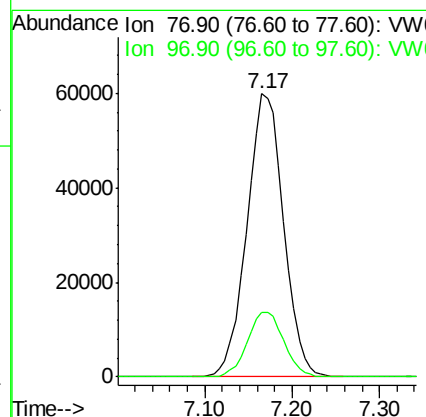
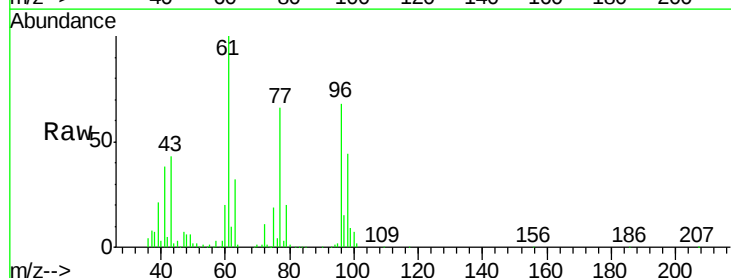
Acq: 23 Jun 2018 21:37

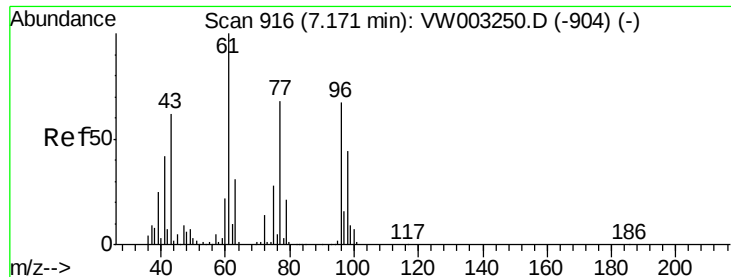
Tgt Ion: 77 Resp: 173660

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

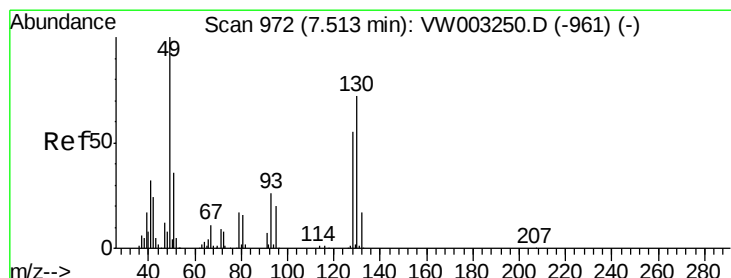
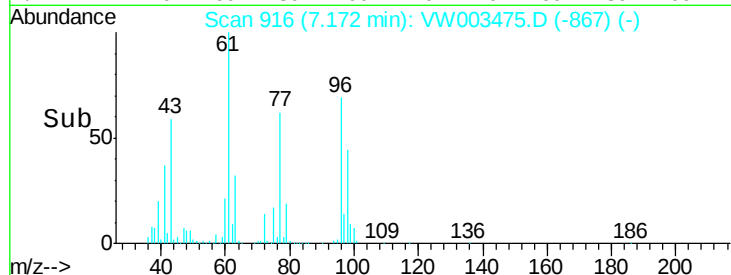
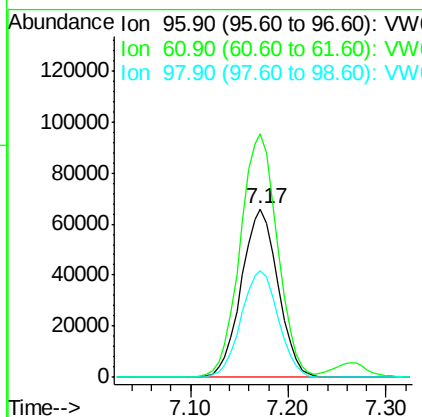
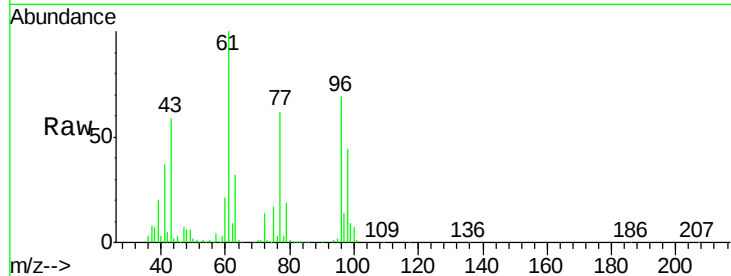
cis-1,2-Dichloroethene
Concen: 52.33 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	298.8
98	63.9	0.0	130.4

Manual Integrations
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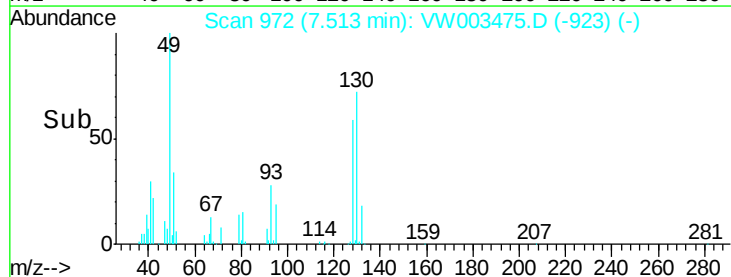
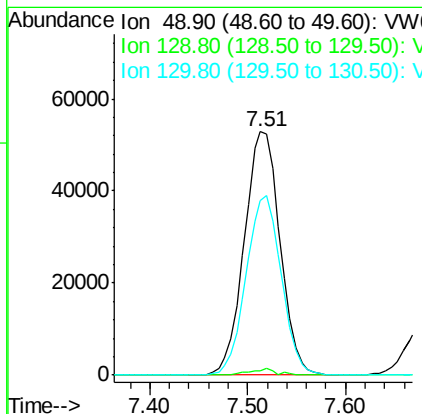
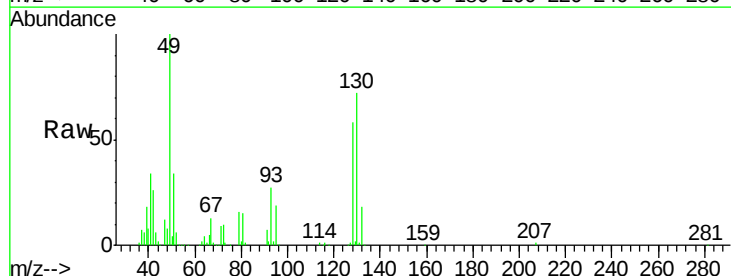
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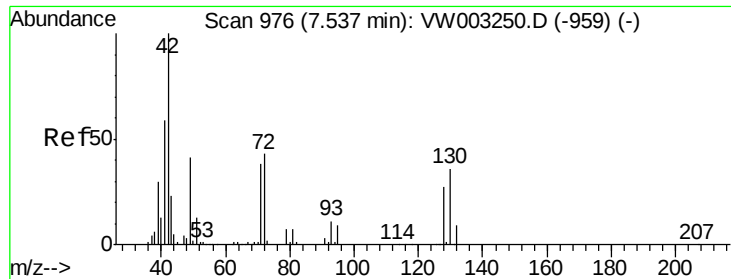


#28

Bromochloromethane
Concen: 57.02 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	72.6	59.4	89.2





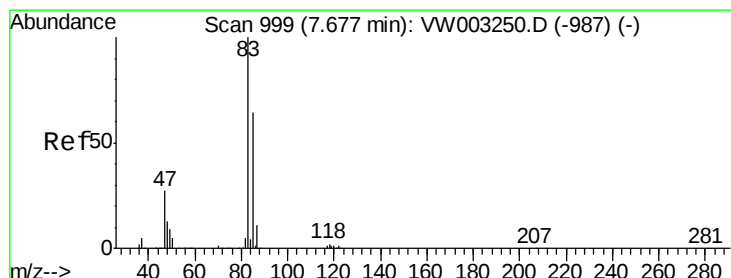
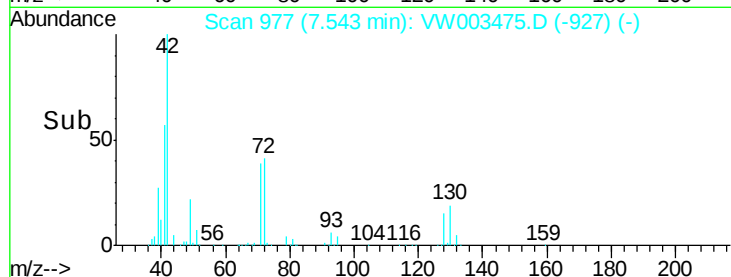
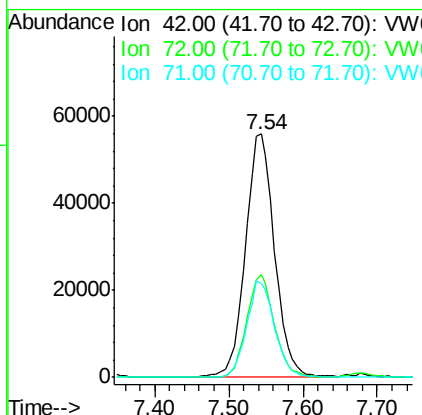
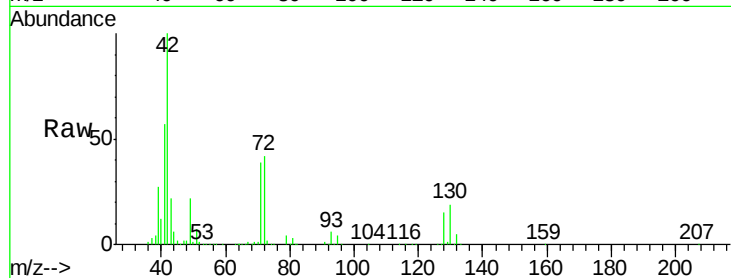
#29
Tetrahydrofuran
Concen: 291.89 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.4	48.6
71	38.3	31.2	46.8

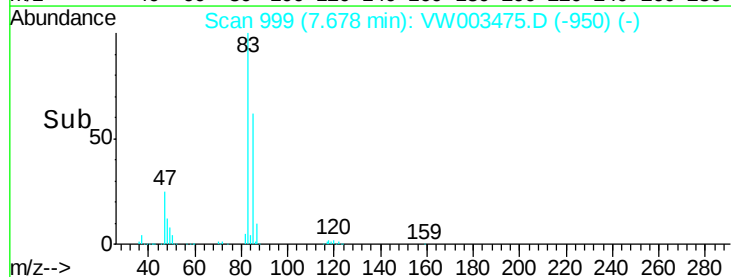
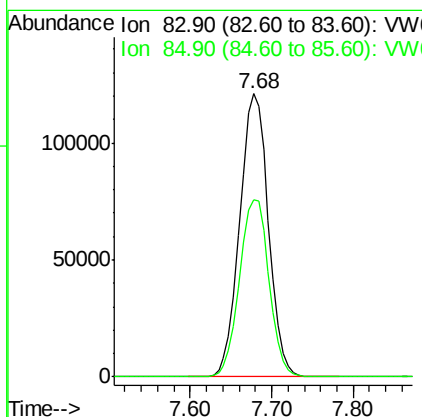
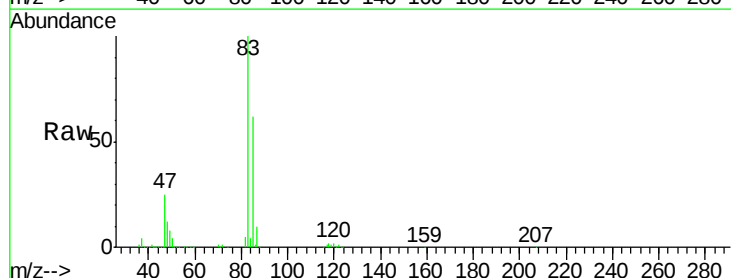
Manual Integrations
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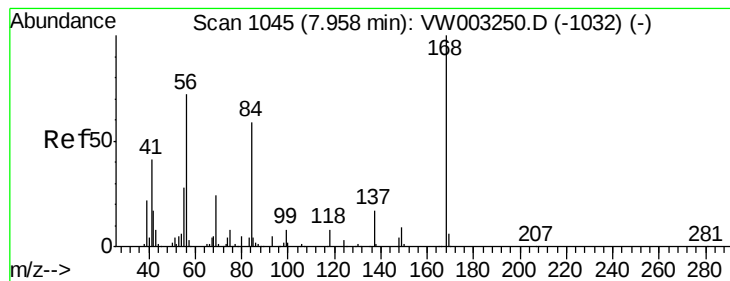
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#30
Chloroform
Concen: 51.07 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.3	76.9





#31

Cyclohexane

Concen: 46.28 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

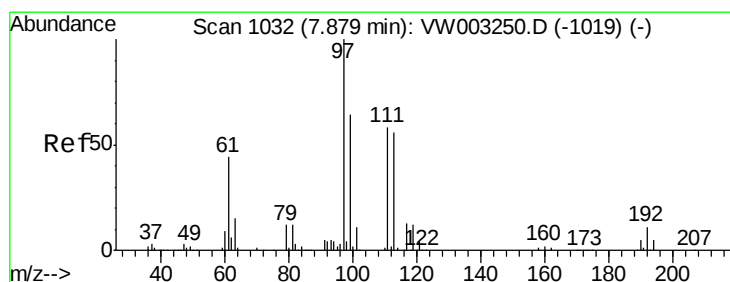
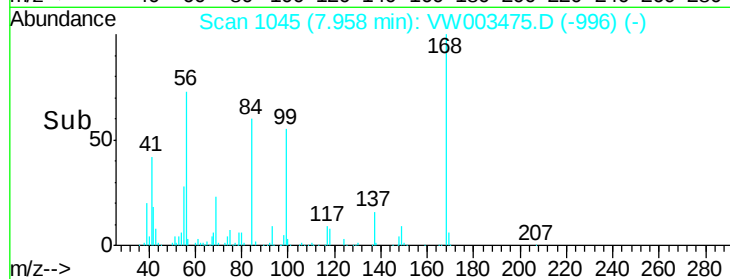
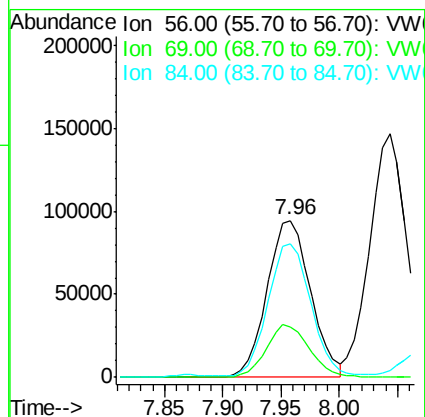
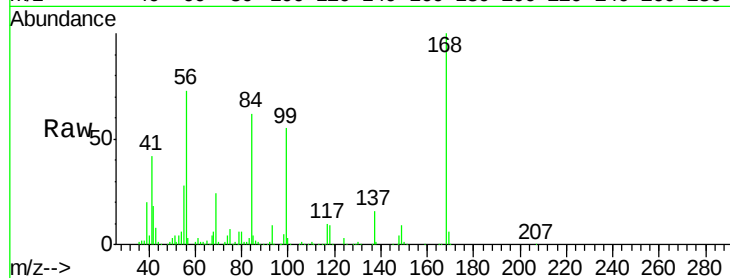
ClientSampleId :

VSTDCCC050EC

Tot Ion	56	Resp	245045
Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.3	39.5
84	83.6	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.70 ug/l

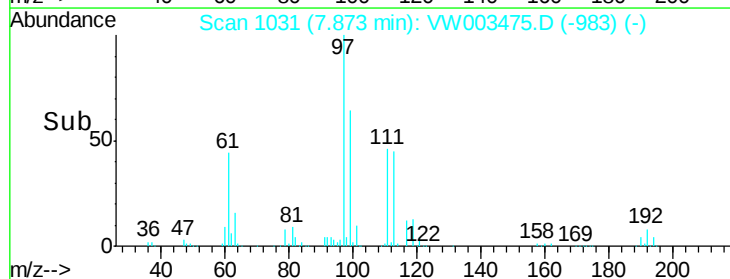
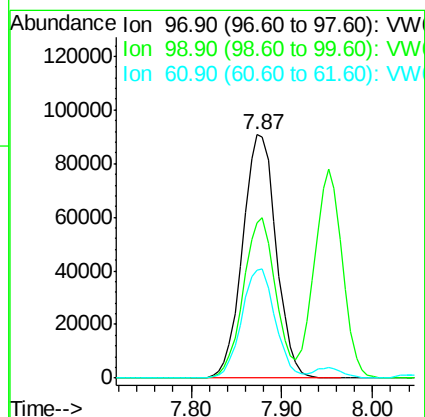
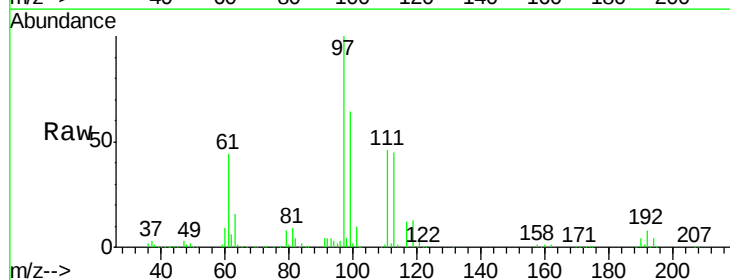
RT: 7.87 min Scan# 1031

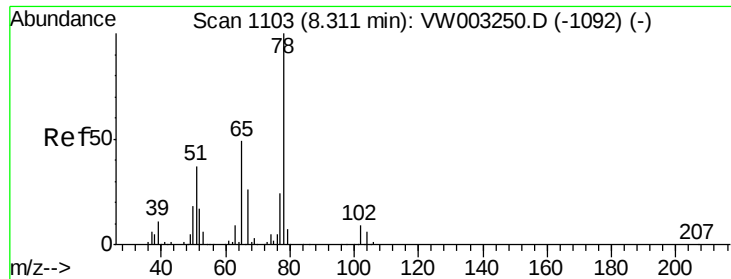
Delta R.T. -0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion	97	Resp	232121
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	44.8	37.6	56.4





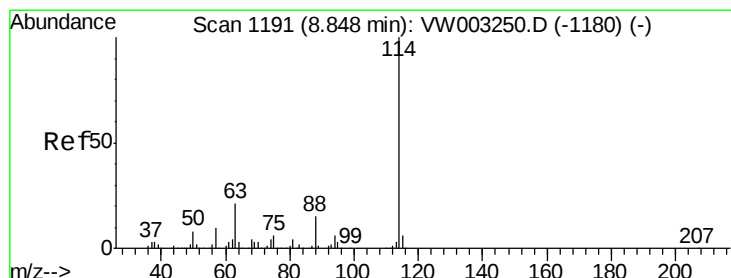
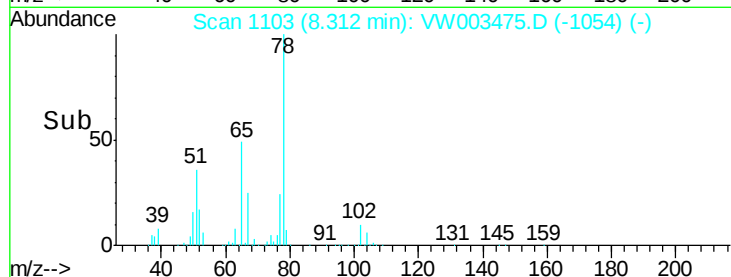
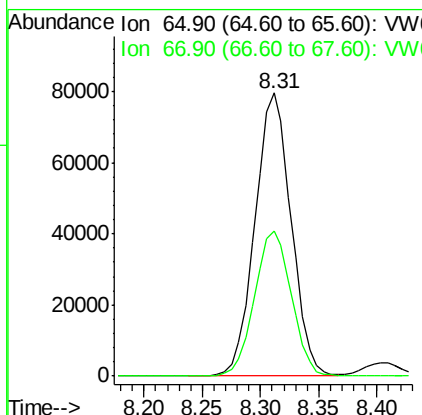
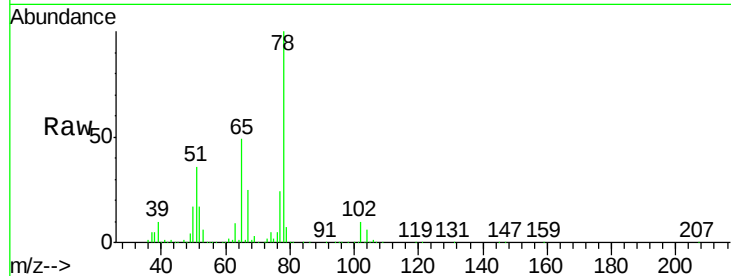
#33
 1,2-Dichloroethane-d4
 Concen: 52.15 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.2

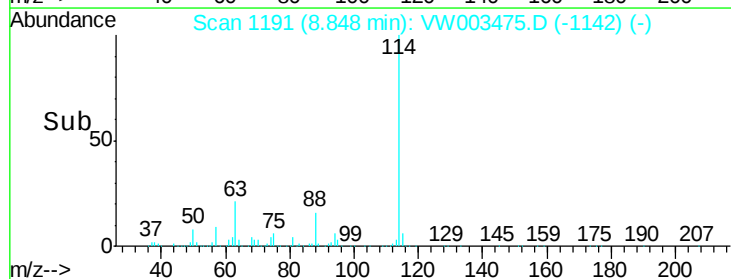
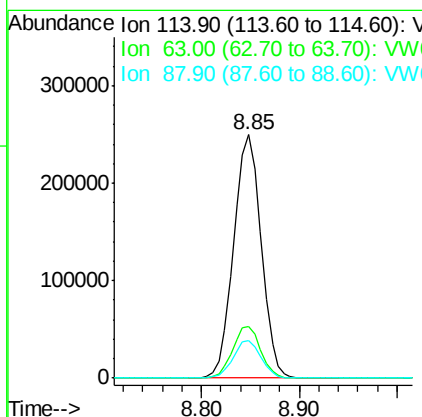
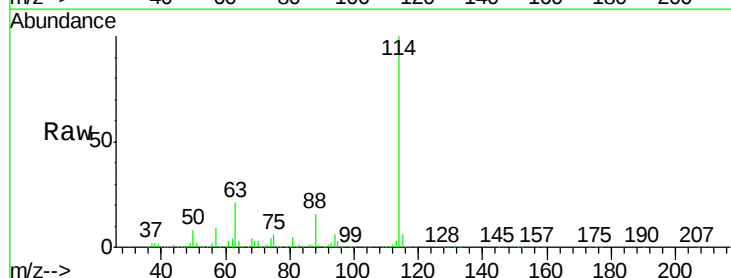
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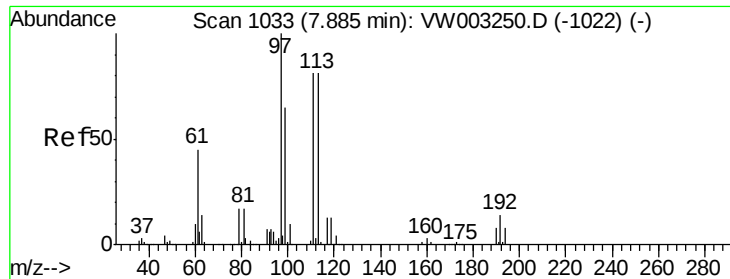
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.0
88	15.5	0.0	29.6





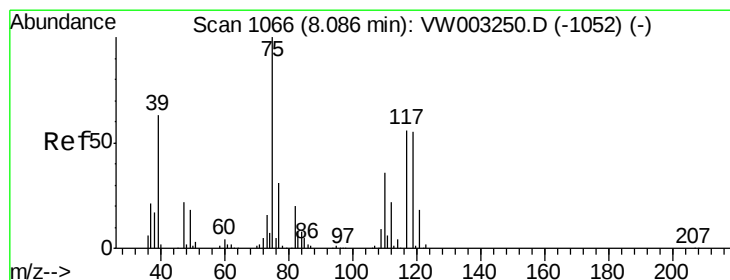
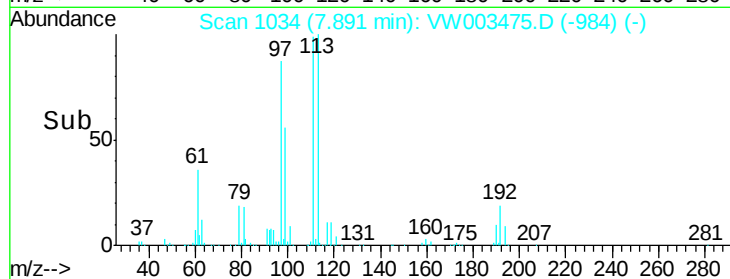
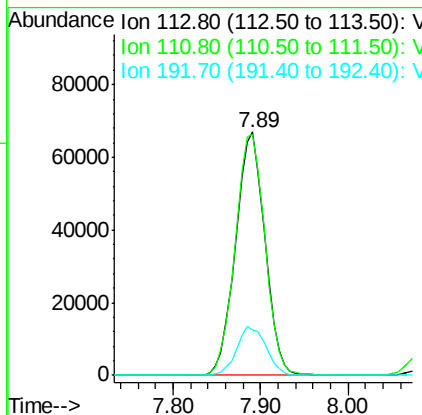
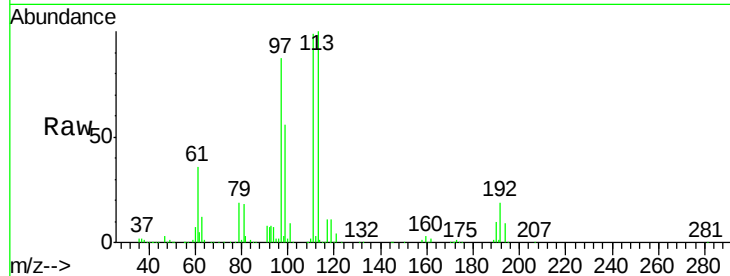
#35
 Dibromofluoromethane
 Concen: 51.58 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.2
192	20.1	16.2	24.2

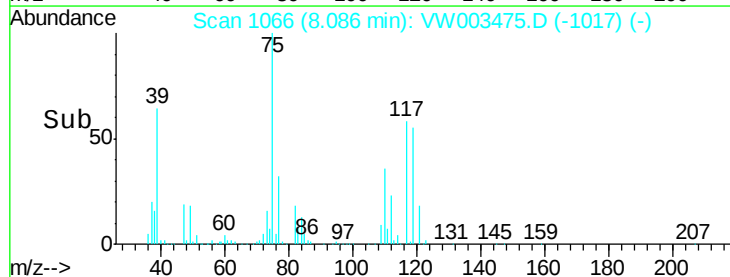
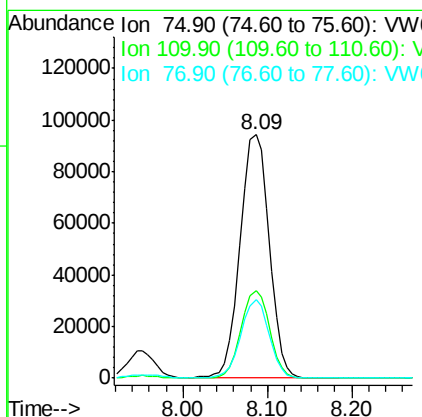
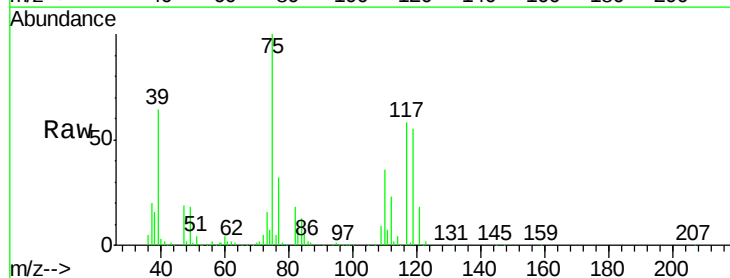
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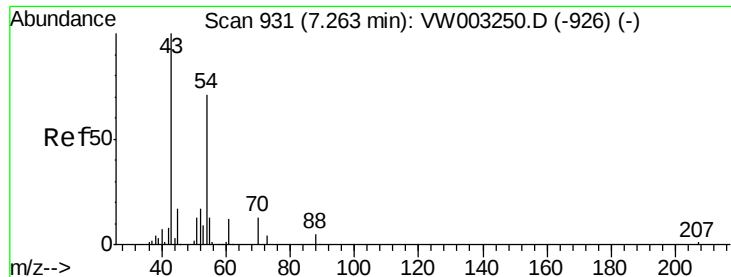
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#36
 1,1-Dichloropropene
 Concen: 46.77 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.1	51.3
77	31.3	24.9	37.3





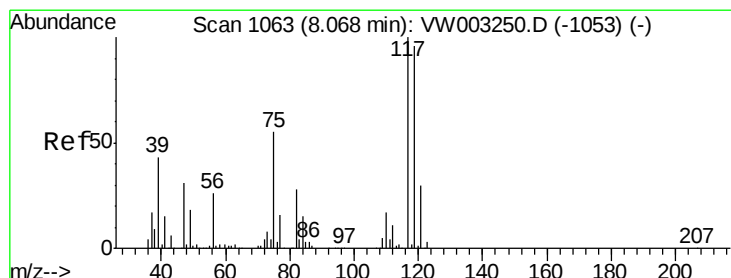
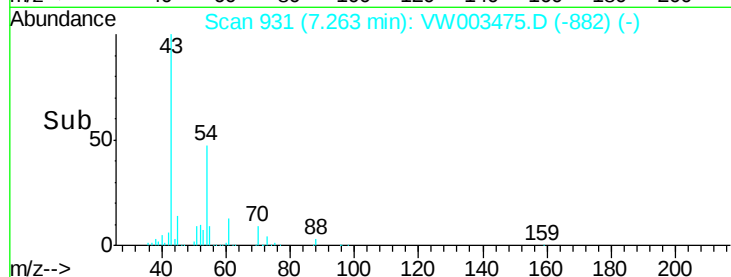
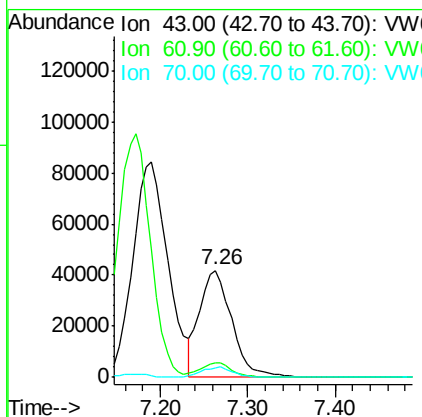
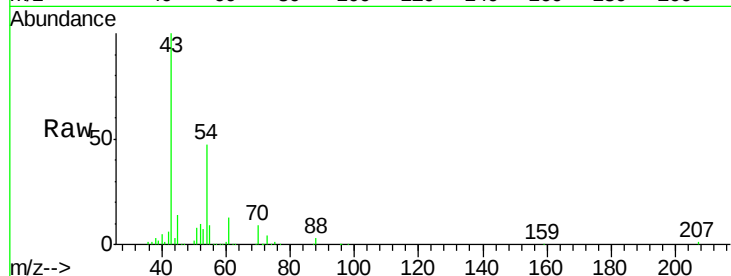
#37
Ethyl Acetate
Concen: 54.74 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.8	16.2
70	9.6	7.8	11.6

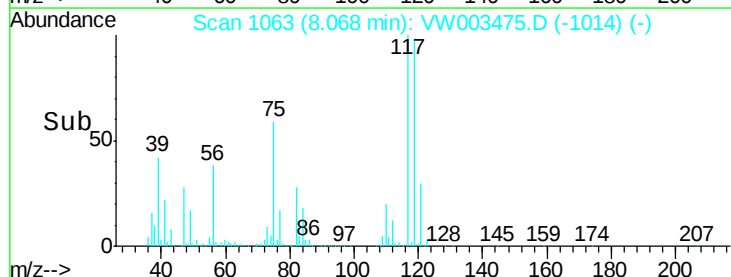
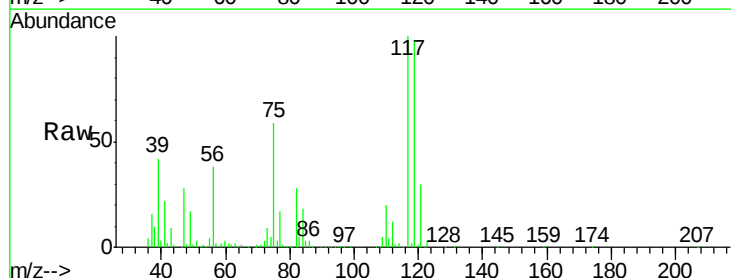
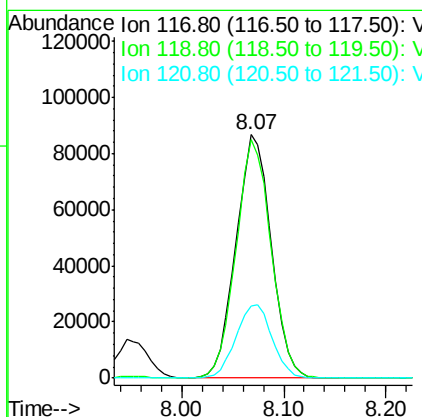
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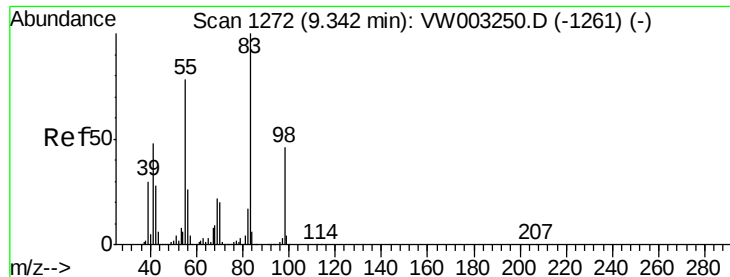
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#38
Carbon Tetrachloride
Concen: 45.06 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.6	115.0
121	29.5	23.9	35.9





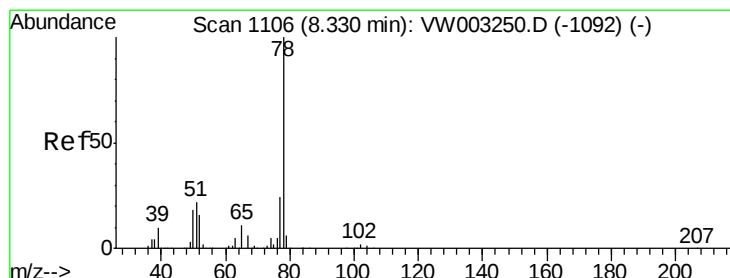
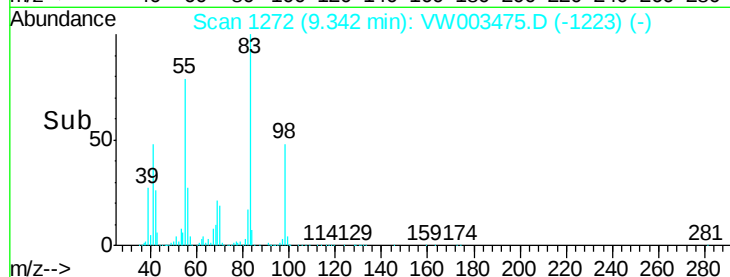
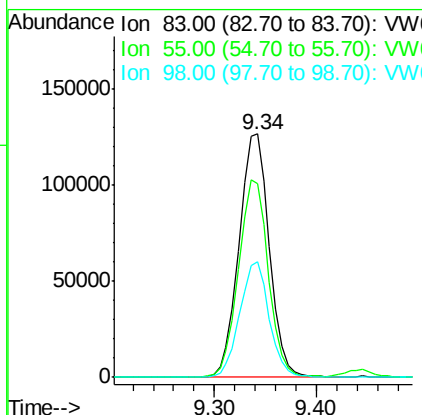
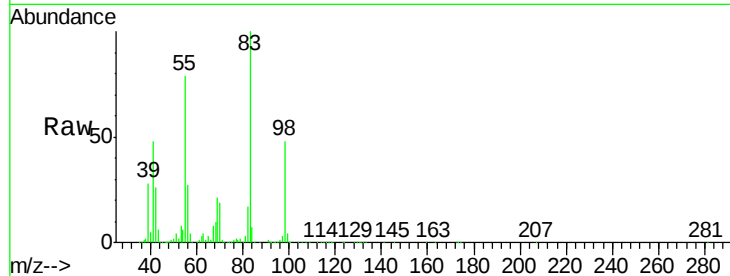
#39
Methvlcvclohexane
Concen: 47.81 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	62.6	93.8
98	47.7	37.0	55.4

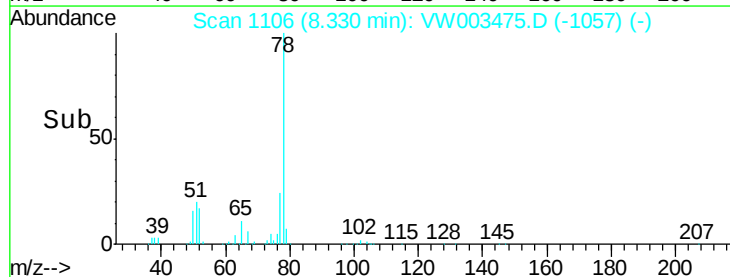
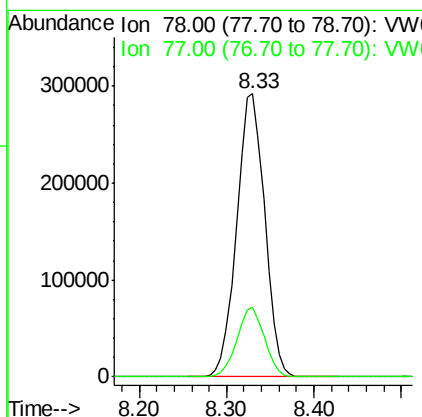
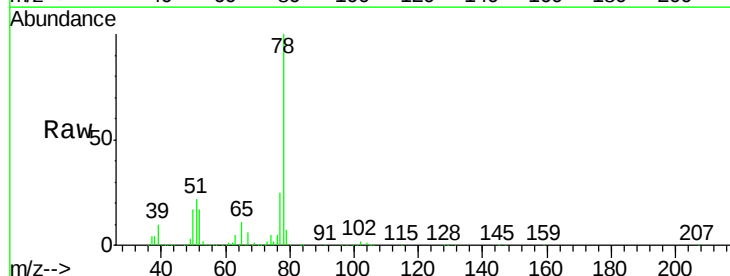
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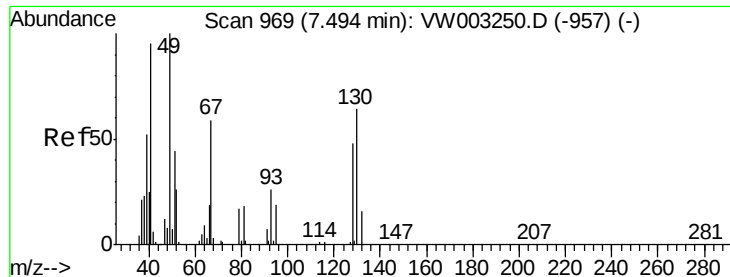
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#40
Benzene
Concen: 50.08 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6





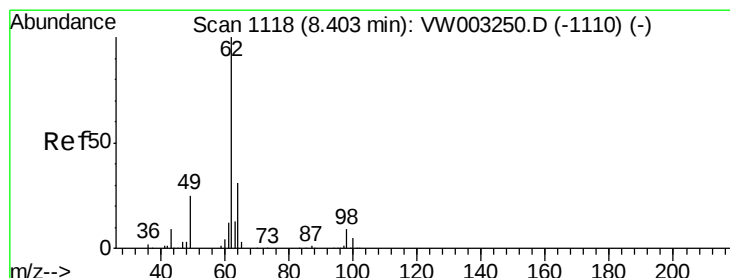
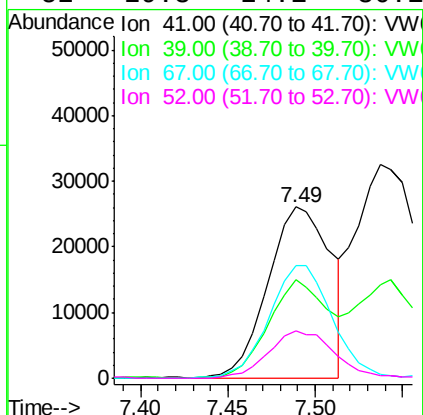
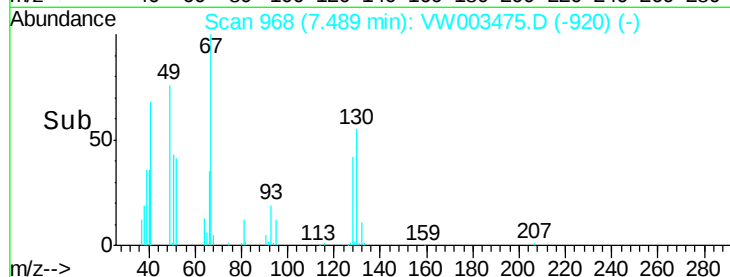
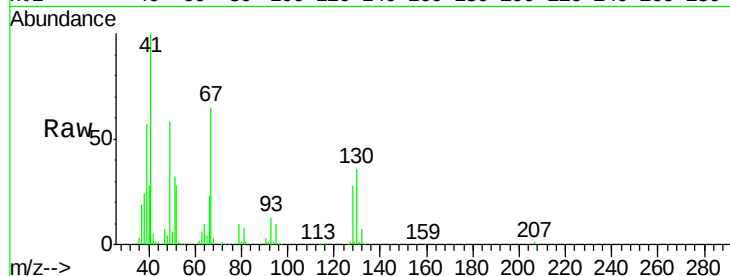
#41
Methacrylonitrile
Concen: 54.60 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	65304
Ion	Ratio	Lower	Upper
41	100		
39	54.5	45.8	68.8
67	66.5	52.3	78.5
52	29.3	24.1	36.1

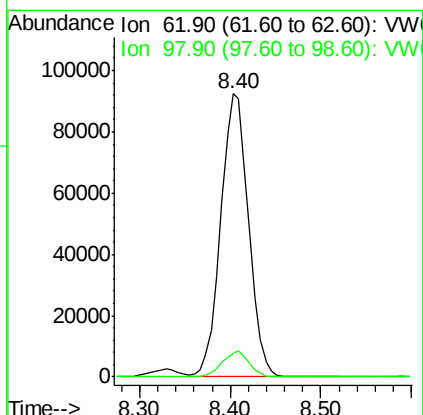
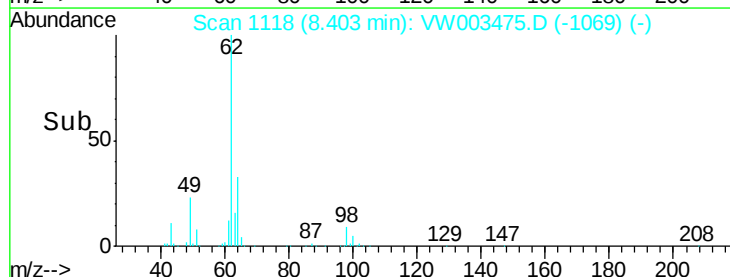
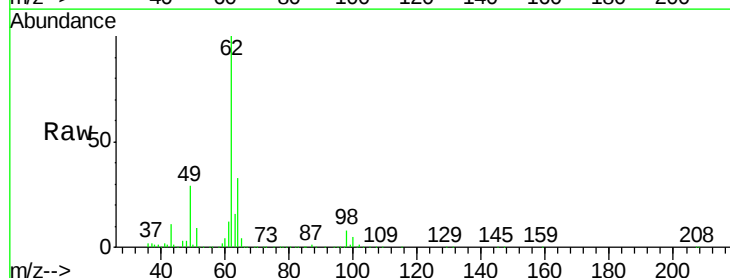
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#42
1,2-Dichloroethane
Concen: 48.75 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	62	Resp	198076
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 54.35 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

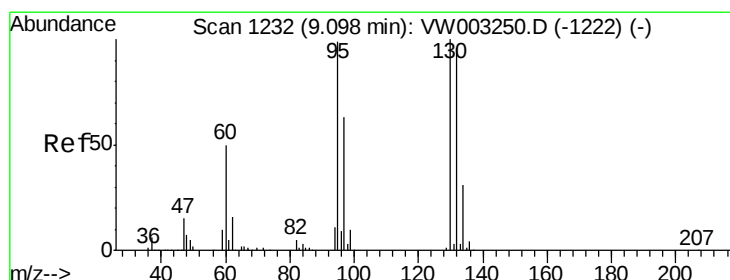
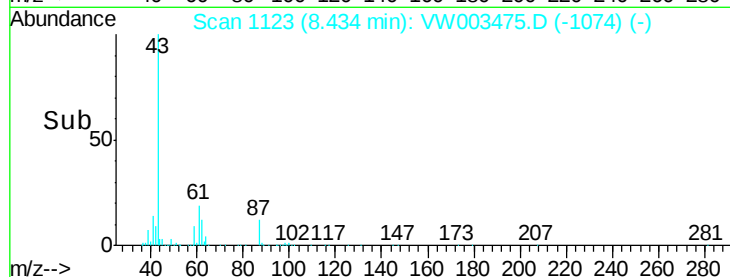
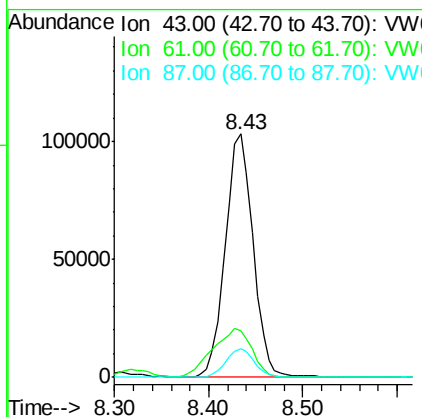
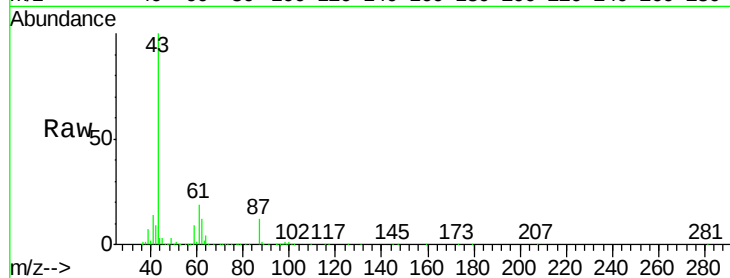
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	210354
Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.1	34.7
87	12.0	9.8	14.6

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#44

Trichloroethene

Concen: 48.55 ug/l

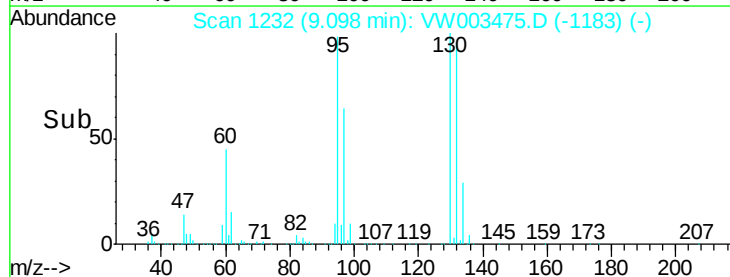
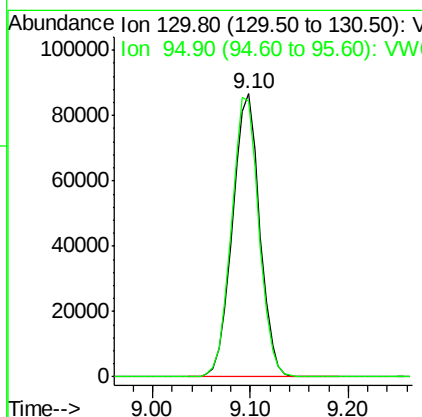
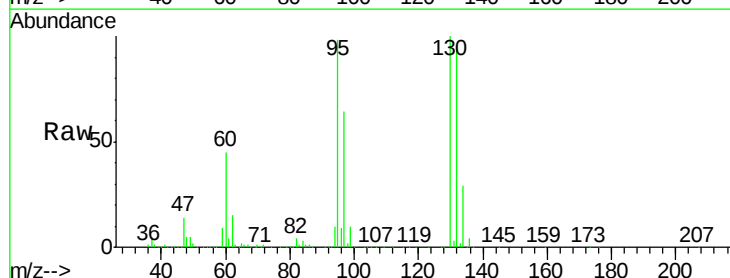
RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion:	130	Resp:	166832
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	198.0





#45

1,2-Dichloropropane

Concen: 51.18 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 168994

Ion Ratio Lower Upper

63 100

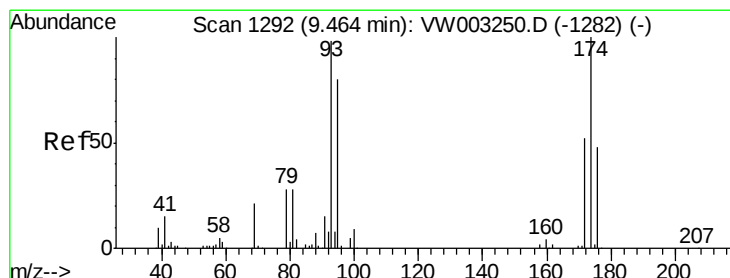
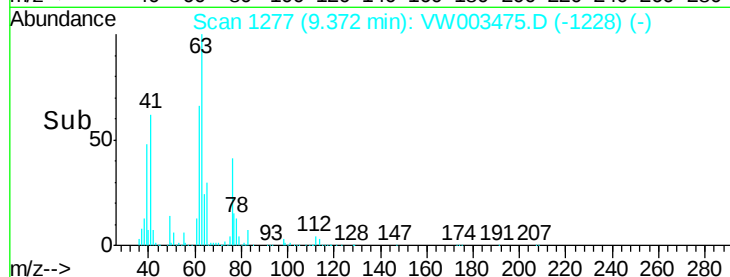
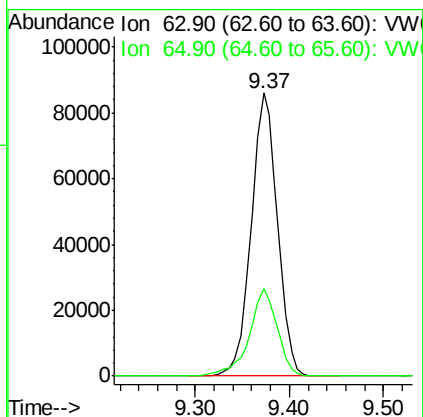
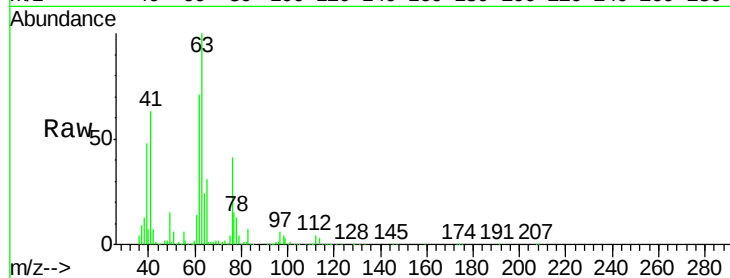
65 30.9 25.1 37.7

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#46

Dibromomethane

Concen: 50.68 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

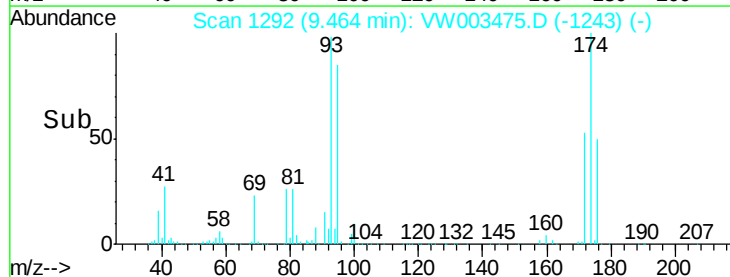
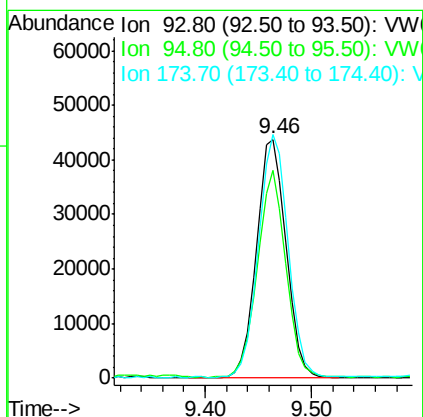
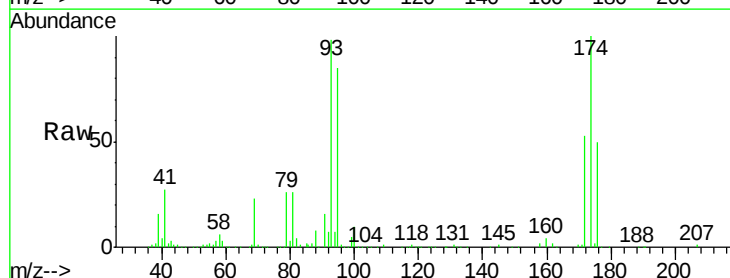
Tgt Ion: 93 Resp: 85685

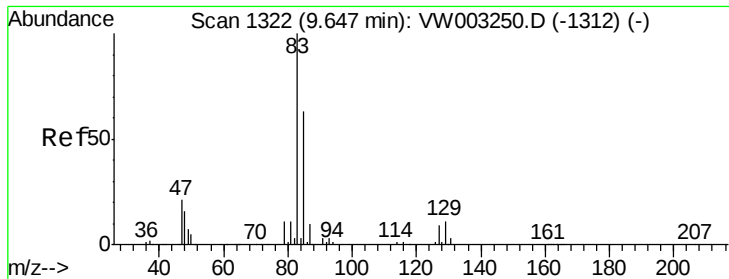
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 101.1 81.4 122.0





#47

Bromodichloromethane

Concen: 49.85 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

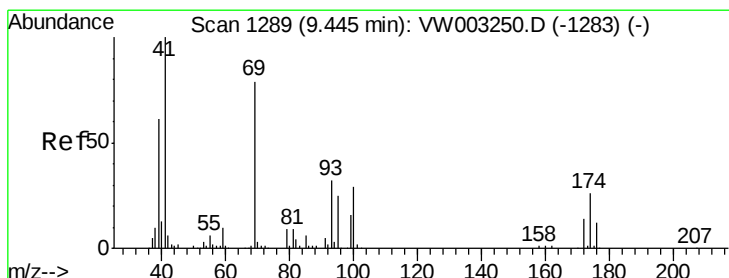
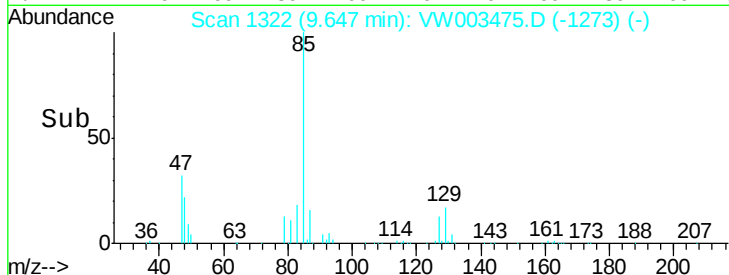
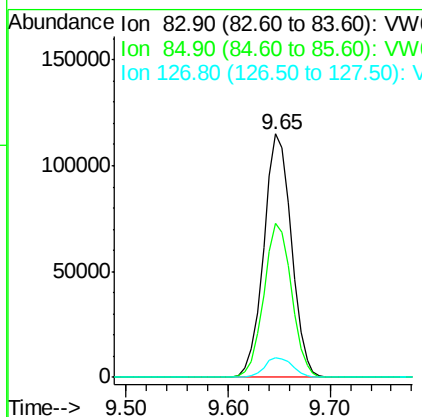
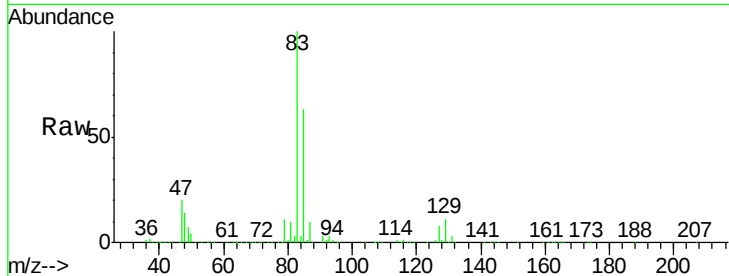
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	216039
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.6	75.8
127	8.1	6.8	10.2

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#48

Methyl methacrylate

Concen: 56.42 ug/l

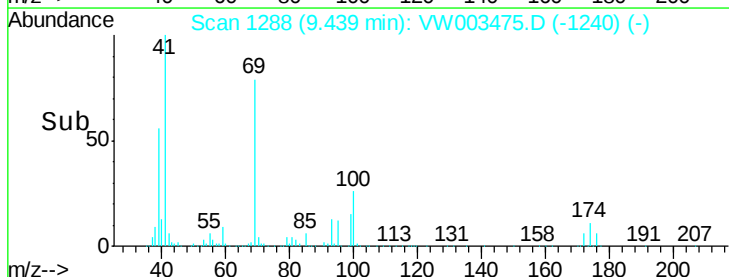
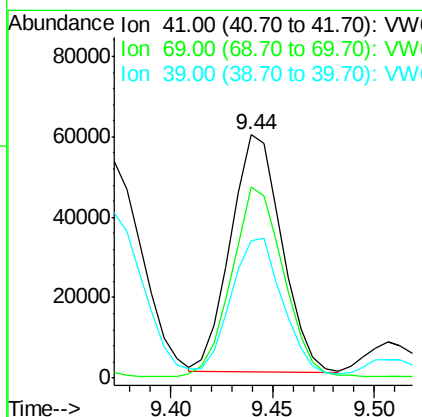
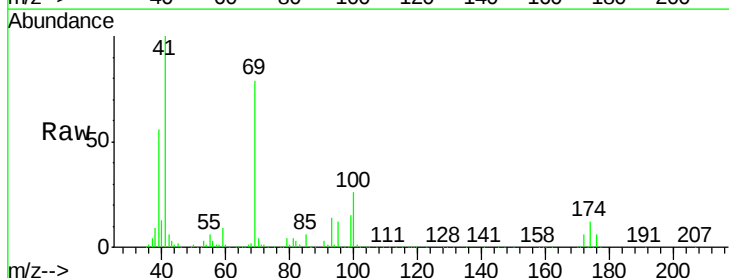
RT: 9.44 min Scan# 1288

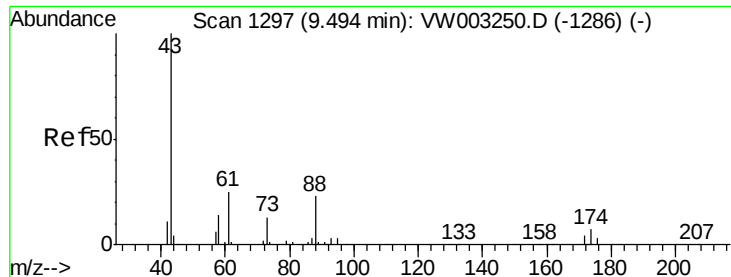
Delta R.T. -0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion:	41	Resp:	102623
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.4	98.2
39	60.9	54.2	81.2





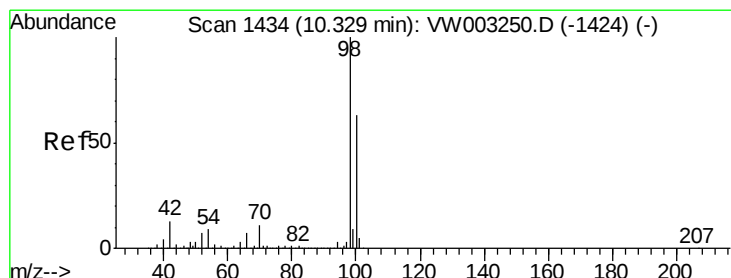
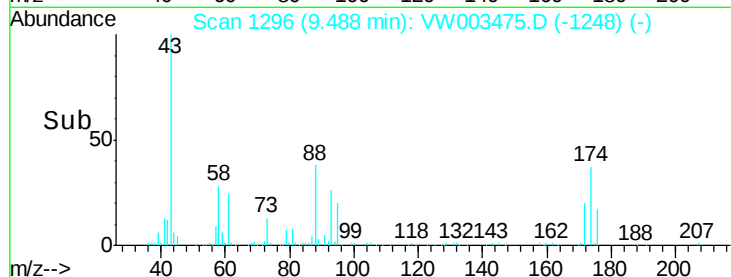
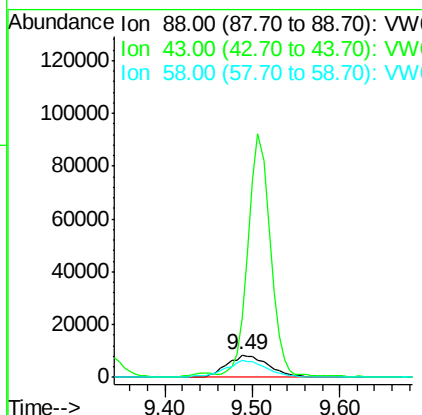
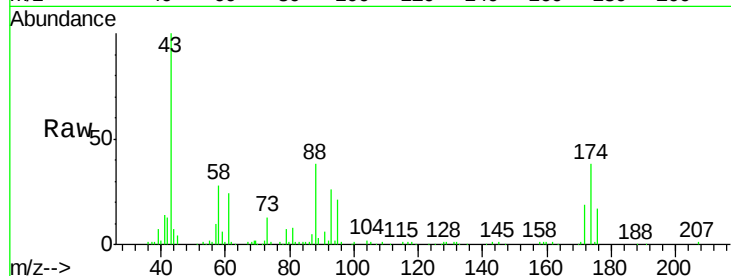
#49
1,4-Dioxane
Concen: 1080.86 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	598.5	454.7	682.1
58	78.0	58.6	88.0

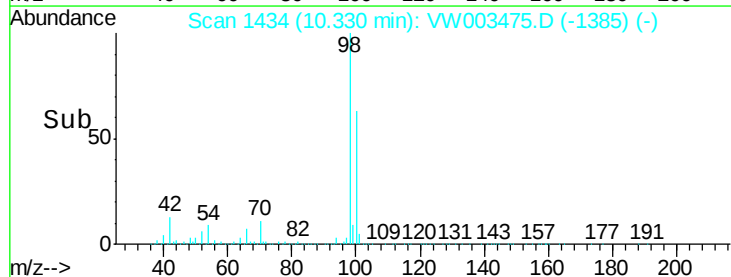
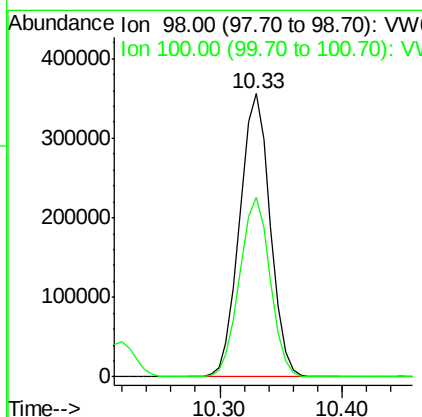
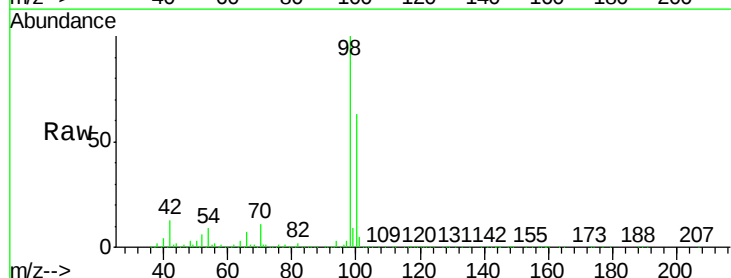
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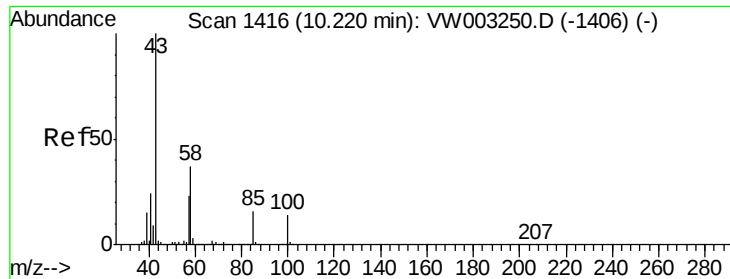
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#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 281.11 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 554385

Ion Ratio Lower Upper

43 100

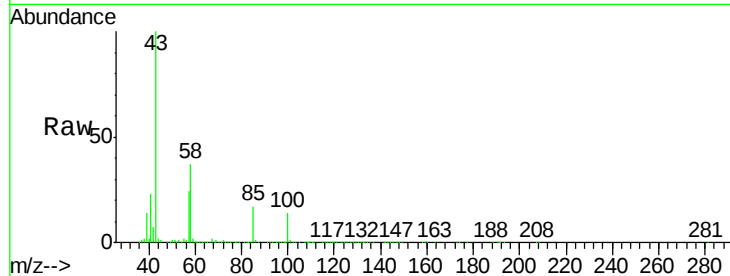
58 37.1 29.0 43.4

Manual Integrations

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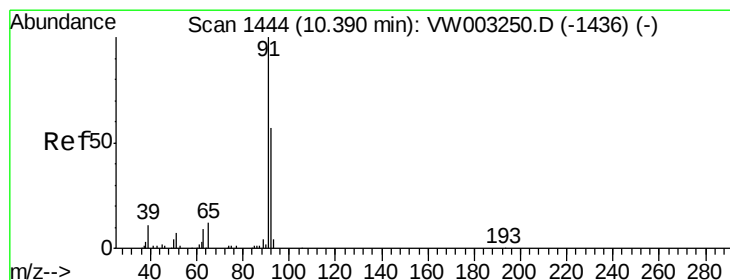
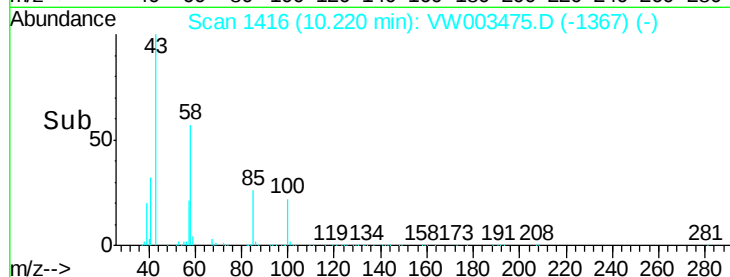
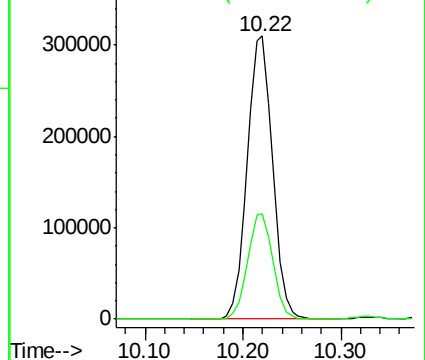
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 48.93 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003475.D

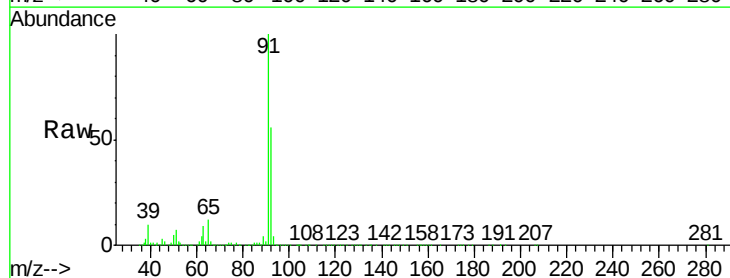
Acq: 23 Jun 2018 21:37

Tgt Ion: 92 Resp: 406931

Ion Ratio Lower Upper

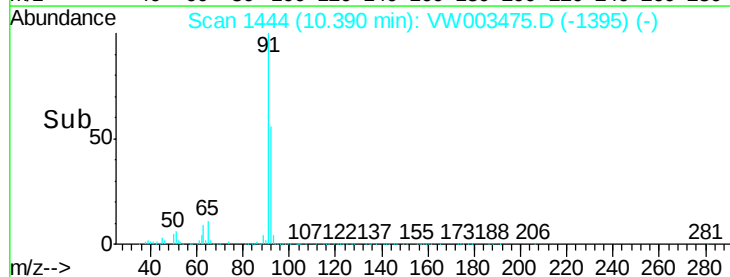
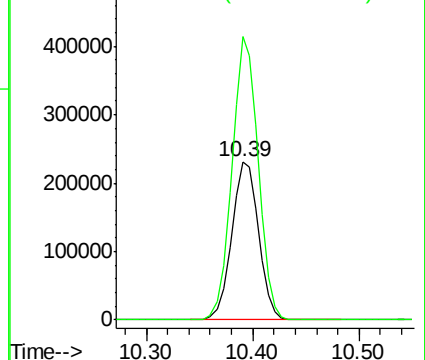
92 100

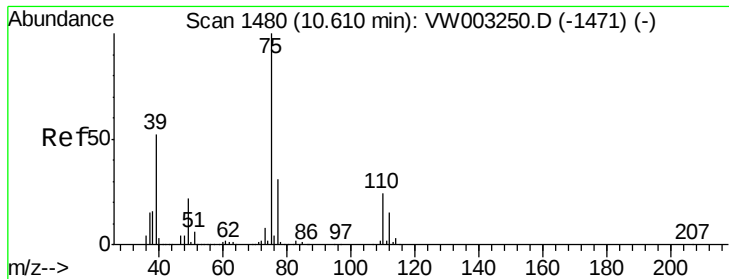
91 174.9 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





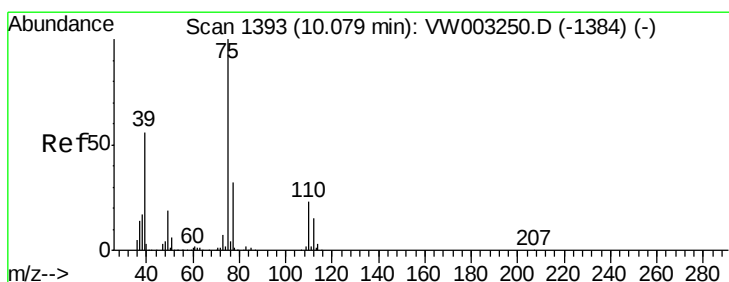
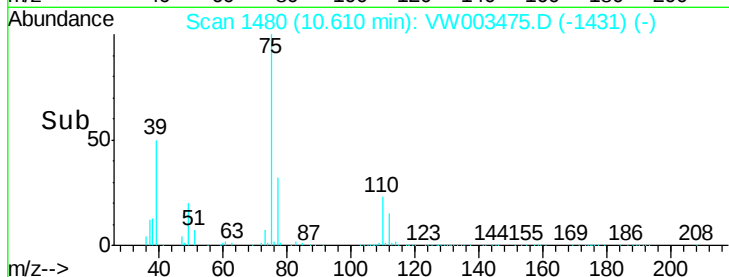
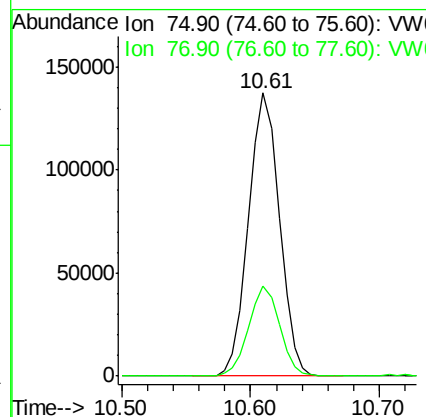
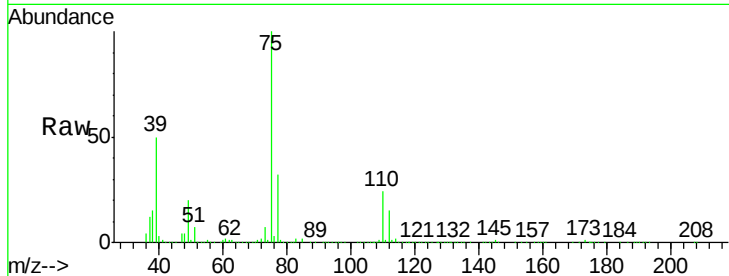
#53
 t-1,3-Dichloropropene
 Concen: 51.51 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 227998
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3

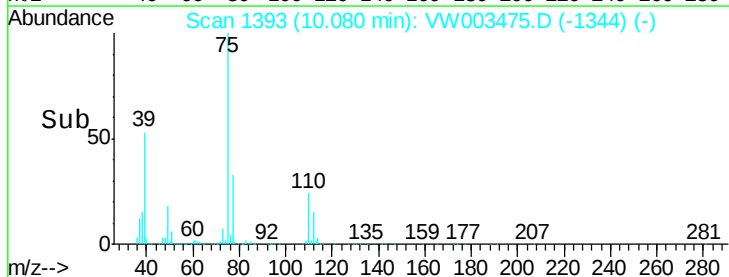
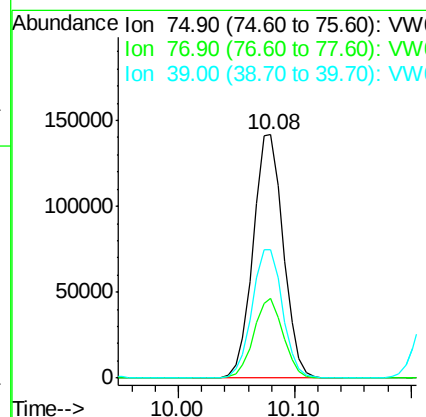
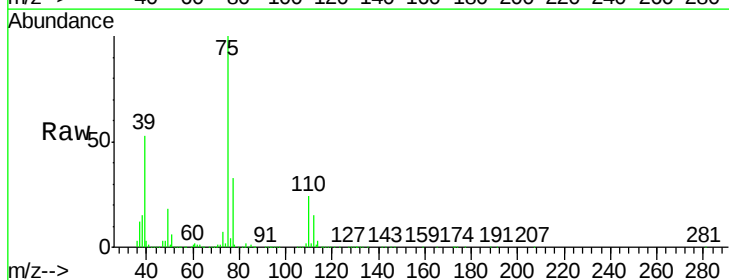
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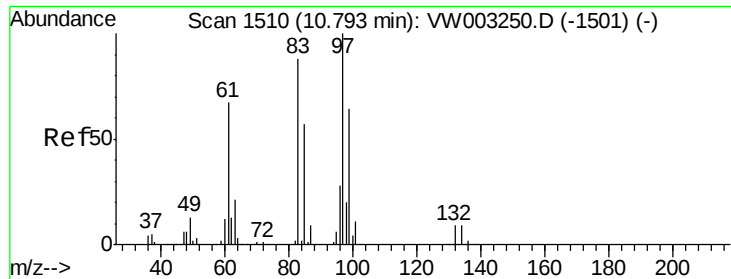
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#54
 cis-1,3-Dichloropropene
 Concen: 51.06 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion: 75 Resp: 257233
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.6
 39 52.6 45.2 67.8





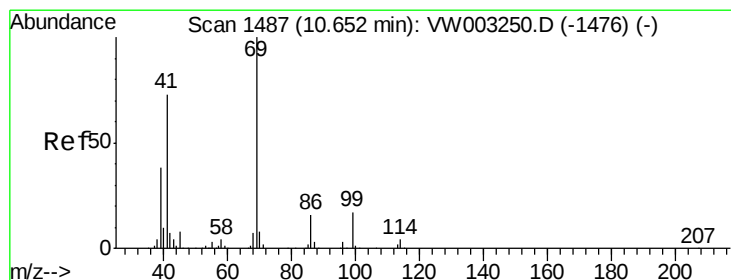
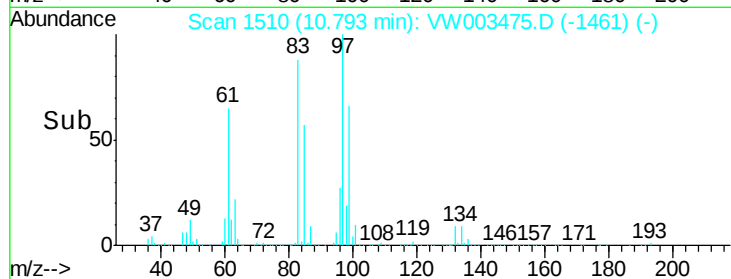
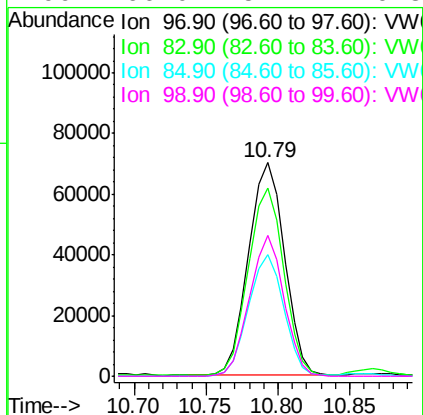
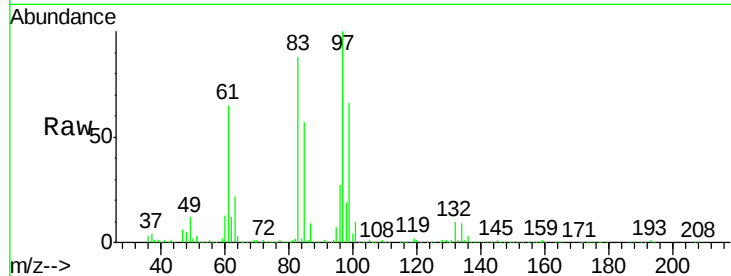
#55
 1,1,2-Trichloroethane
 Concen: 51.03 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.2
85	56.8	45.6	68.4
99	66.0	51.2	76.8

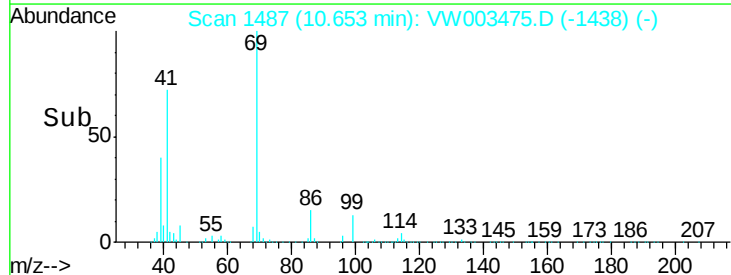
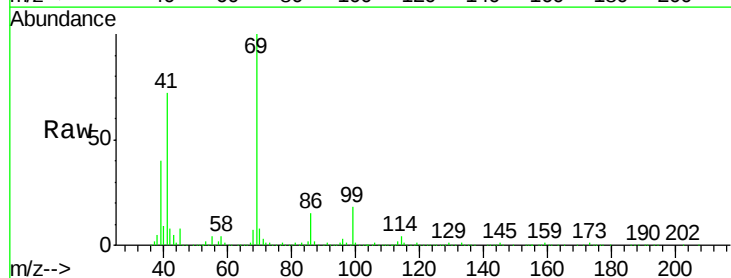
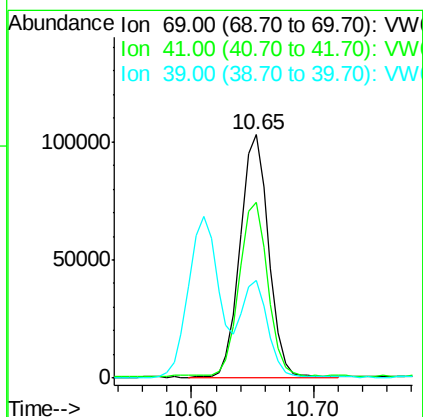
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#56
 Ethyl methacrylate
 Concen: 57.08 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.9	57.8	86.6
39	36.0	32.7	49.1





#57

1,3-Dichloropropane

Concen: 51.93 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 213376

Ion Ratio Lower Upper

76 100

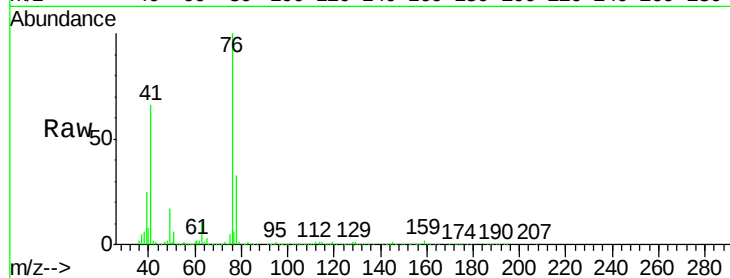
78 32.2 25.7 38.5

Manual Integrations

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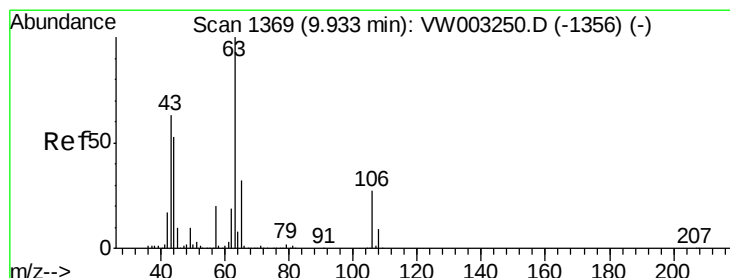
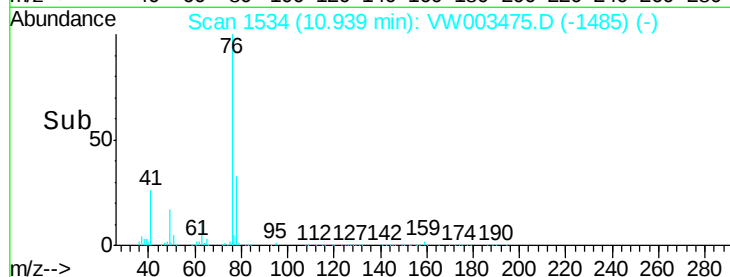
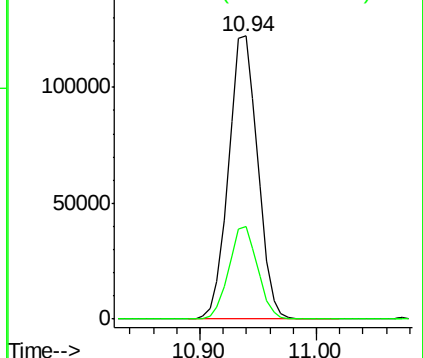
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 274.86 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW003475.D

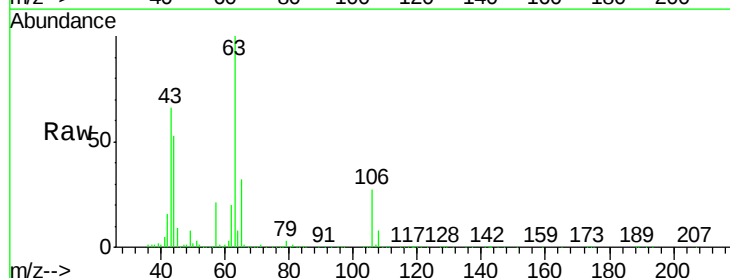
Acq: 23 Jun 2018 21:37

Tgt Ion: 63 Resp: 356446

Ion Ratio Lower Upper

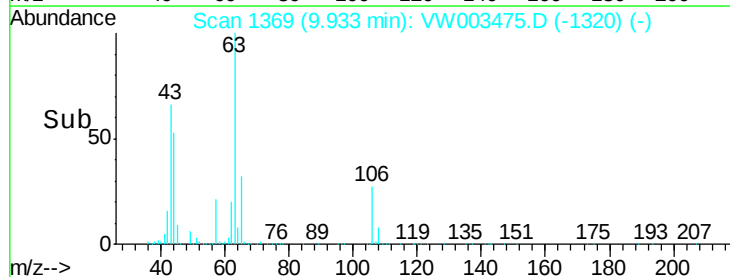
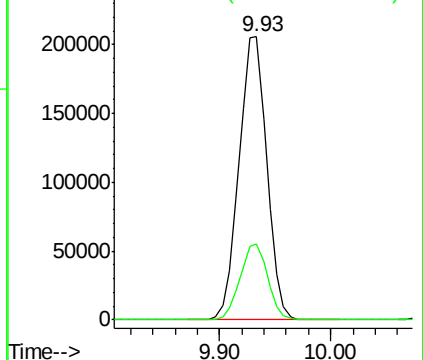
63 100

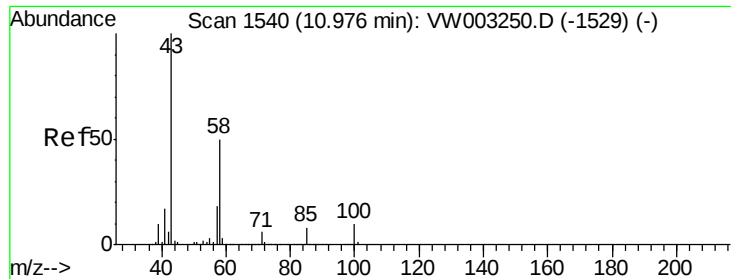
106 26.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





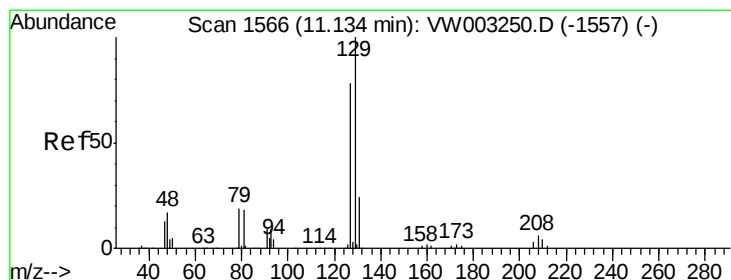
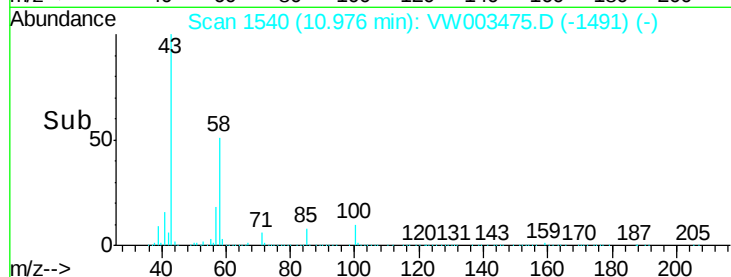
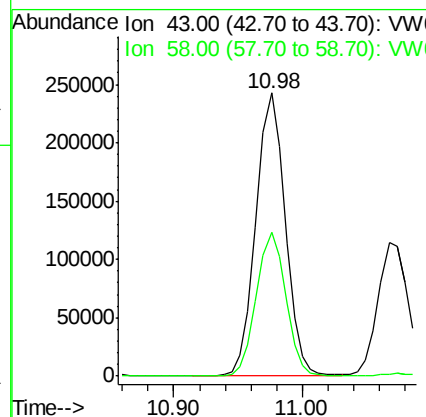
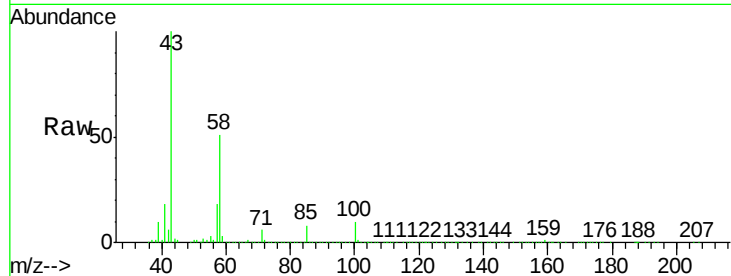
#59
2-Hexanone
Concen: 277.09 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 381749
Ion Ratio Lower Upper
43 100
58 51.4 25.0 75.0

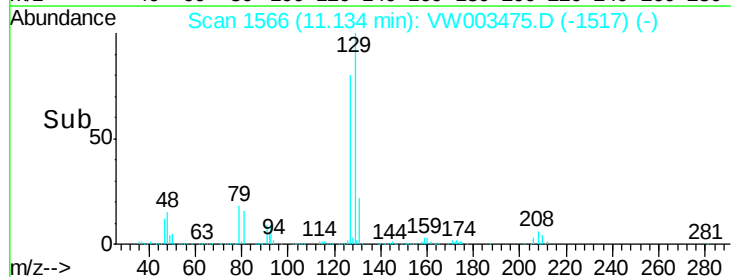
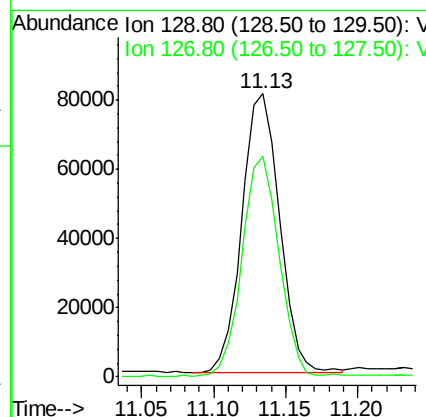
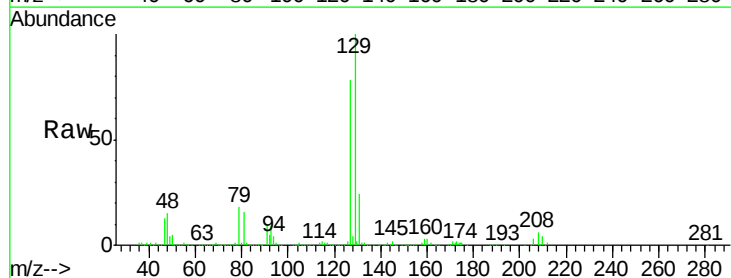
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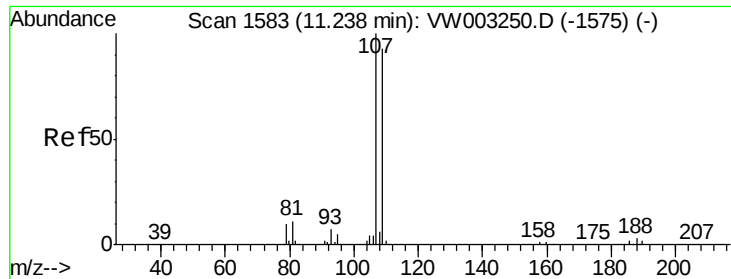
apatel
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#60
Dibromochloromethane
Concen: 51.32 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 129 Resp: 145405
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5





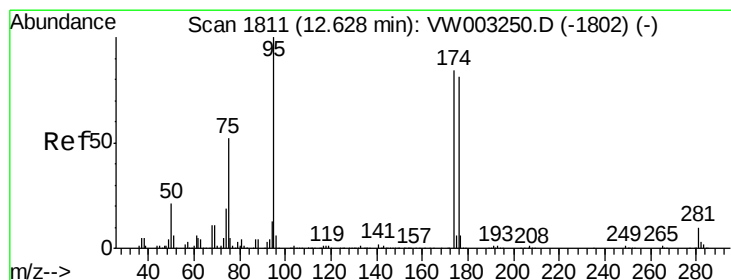
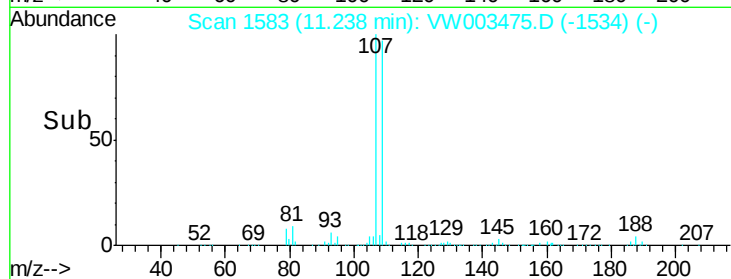
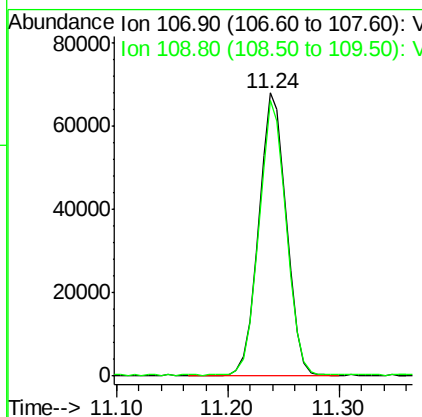
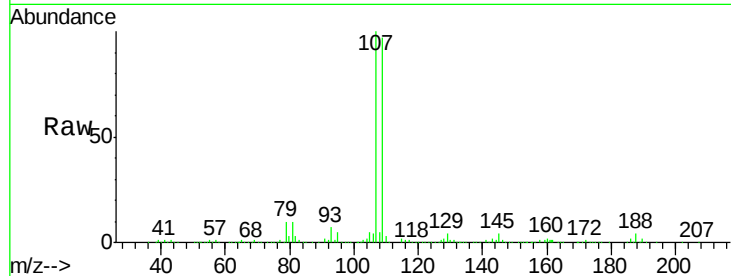
#61
 1,2-Dibromoethane
 Concen: 52.12 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.2	75.8	113.6

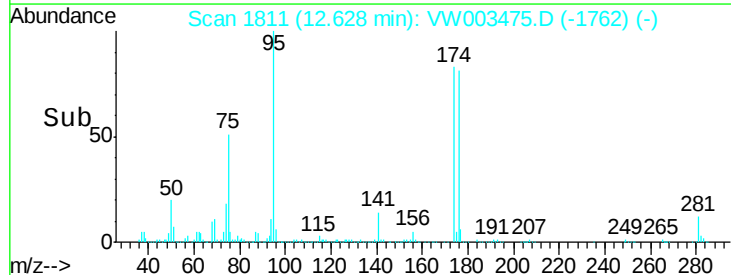
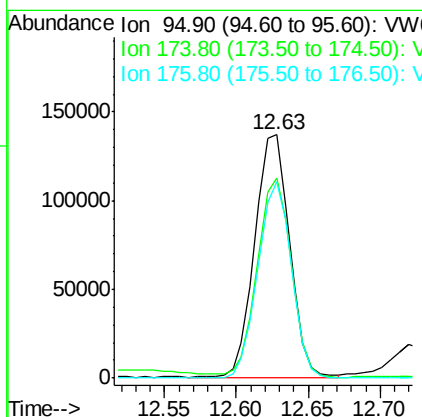
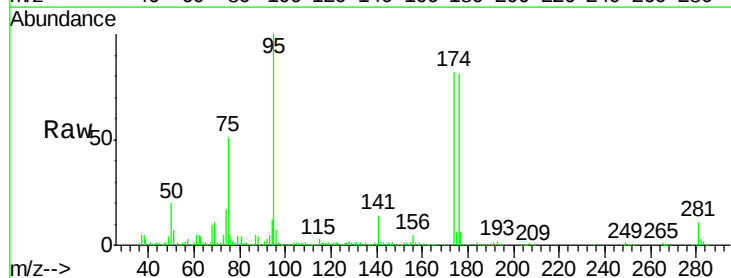
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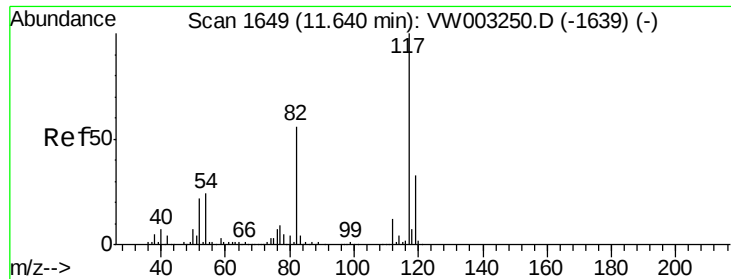
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.87 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	166.4
176	77.8	0.0	162.0





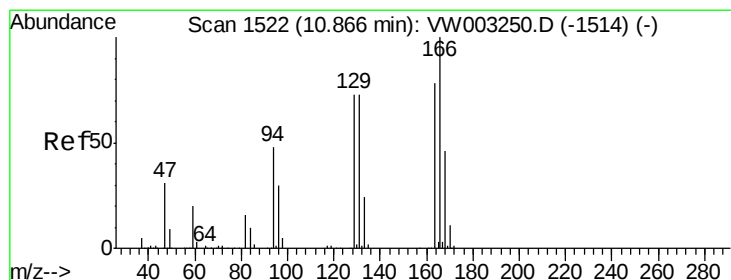
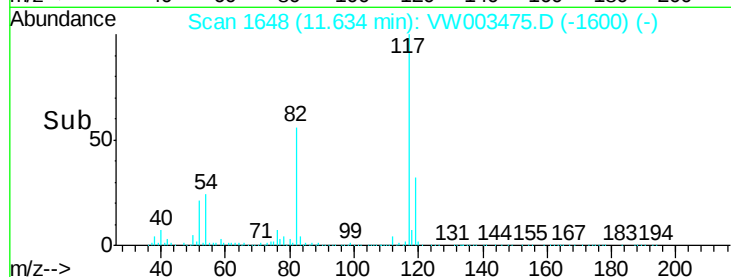
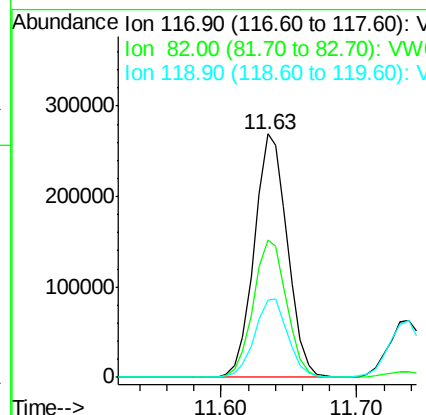
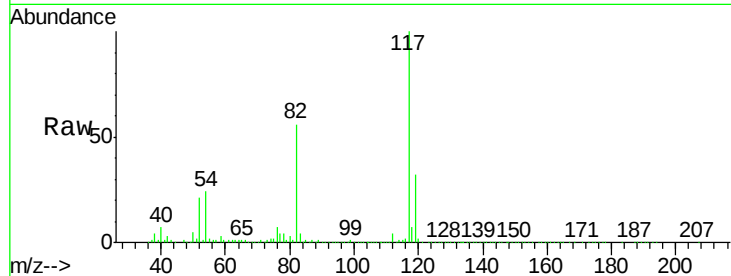
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.6	67.0
119	31.5	26.7	40.1

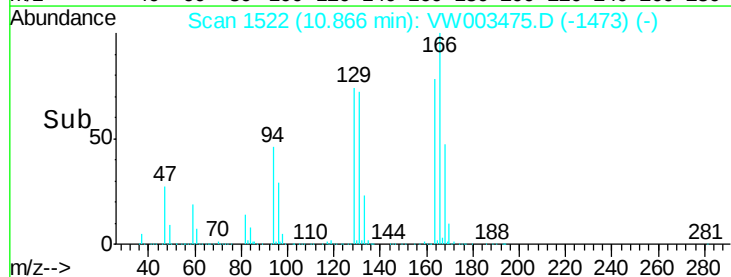
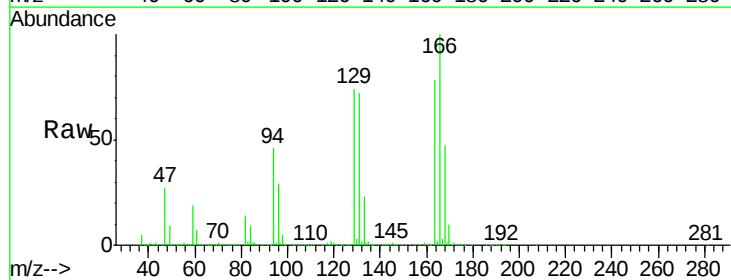
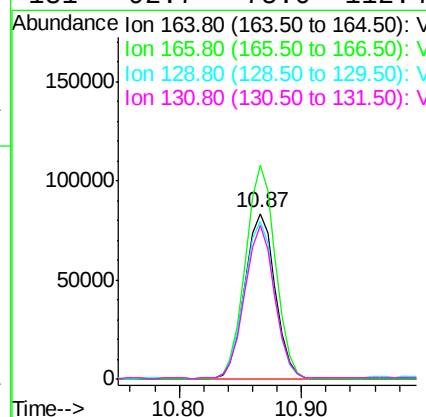
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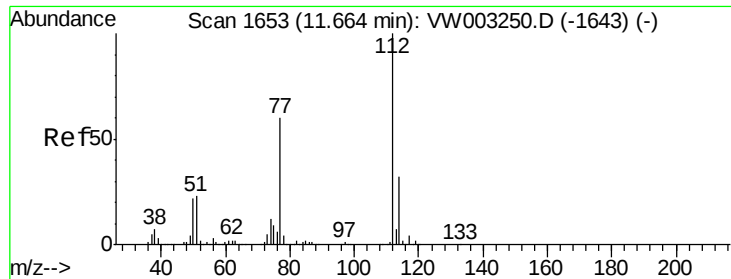
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#64
Tetrachloroethene
Concen: 47.15 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.6	154.0
129	95.0	75.2	112.8
131	92.7	75.0	112.4





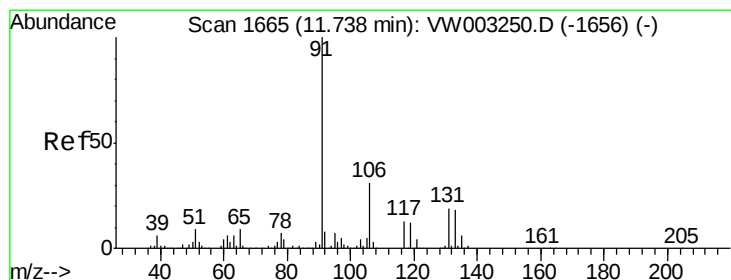
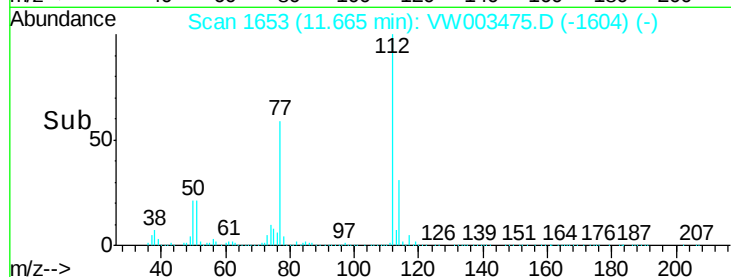
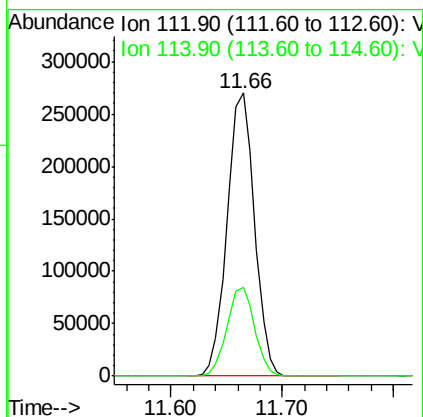
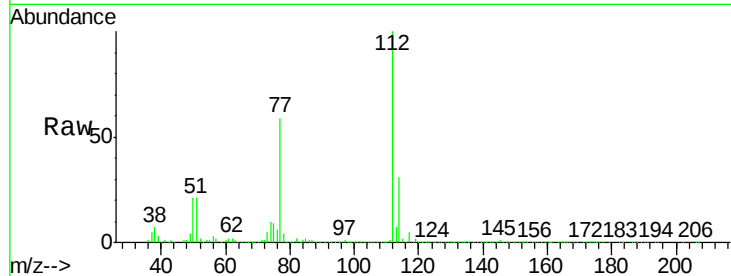
#65
Chlorobenzene
Concen: 48.33 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 459402
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9

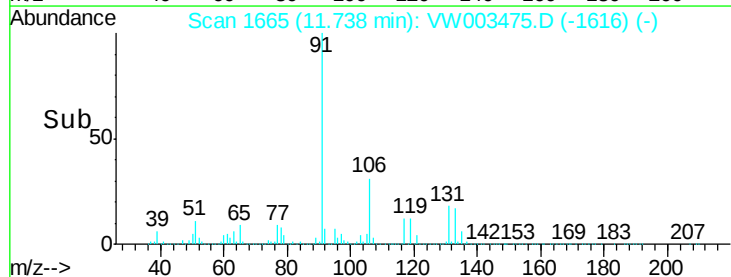
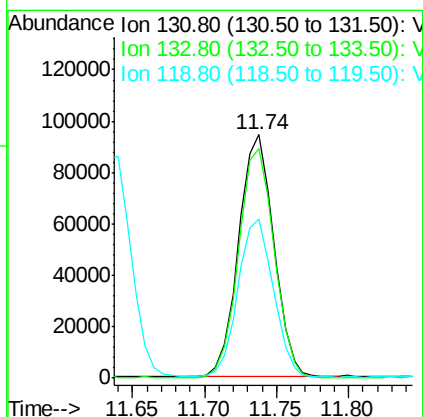
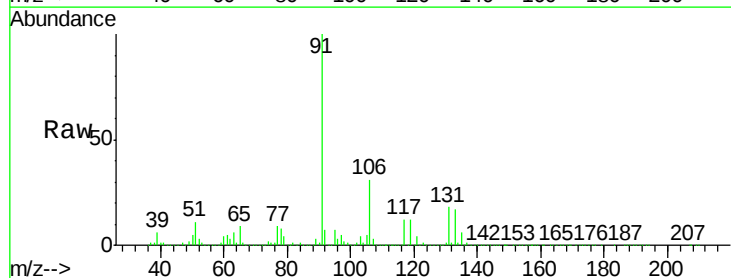
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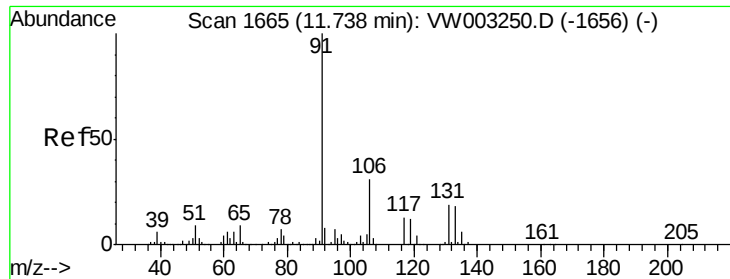
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.77 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion:131 Resp: 159567
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 65.8 32.5 97.4





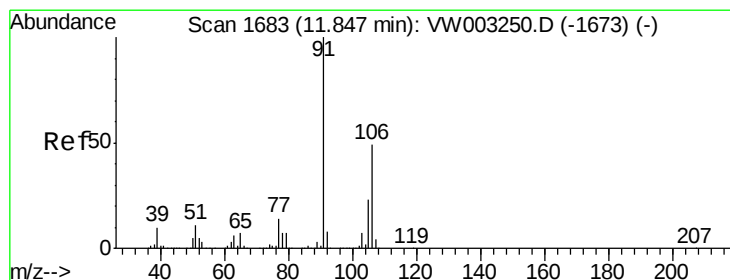
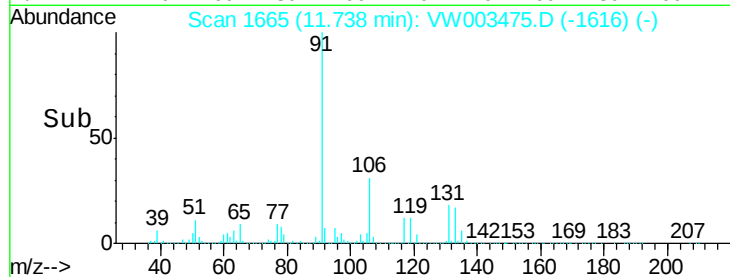
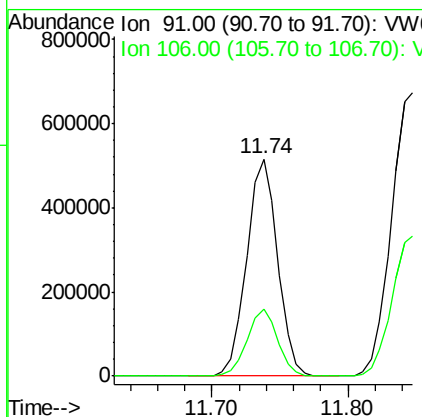
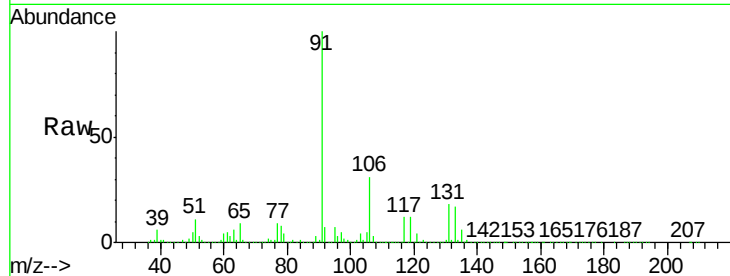
#67
Ethyl Benzene
Concen: 48.56 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 818302
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

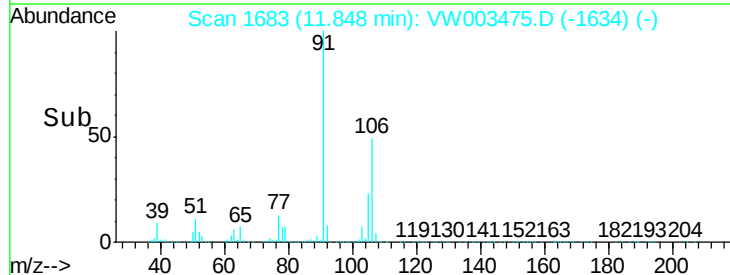
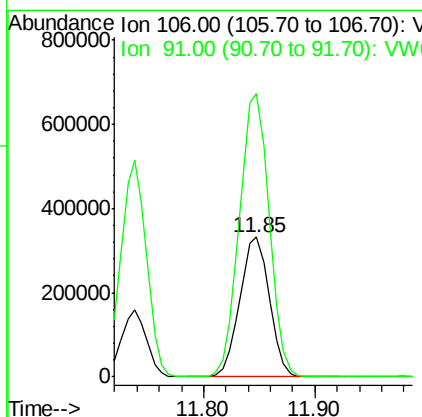
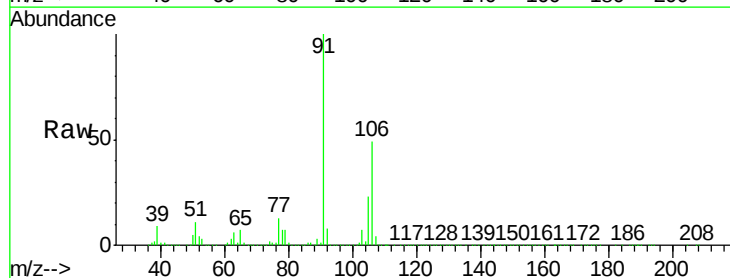
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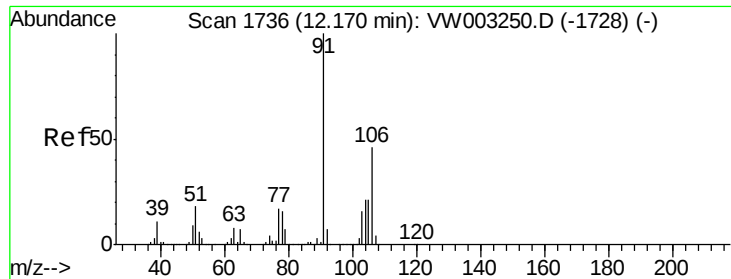
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#68
m/p-Xylenes
Concen: 95.31 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 106 Resp: 610529
Ion Ratio Lower Upper
106 100
91 204.5 165.4 248.0





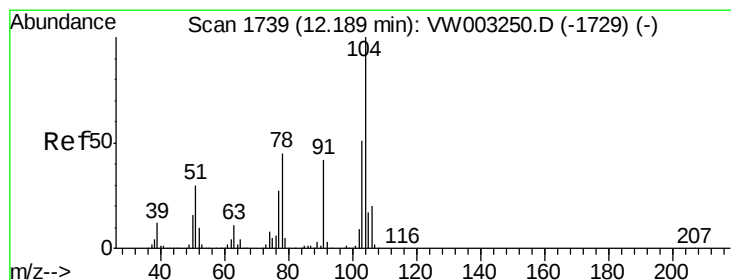
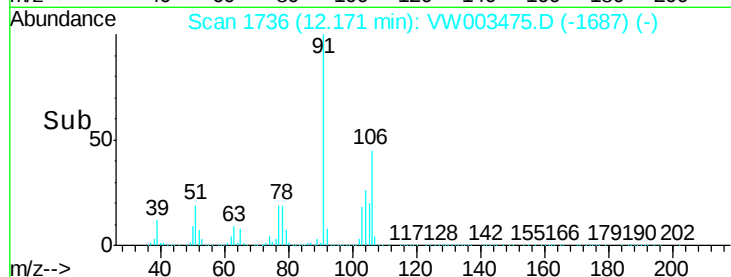
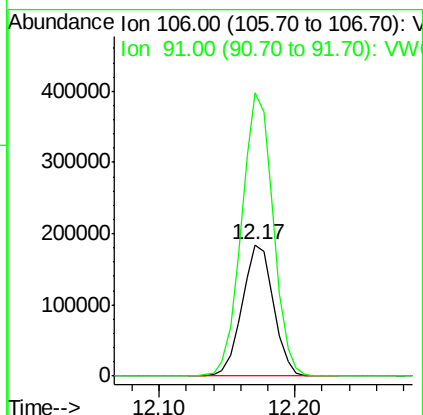
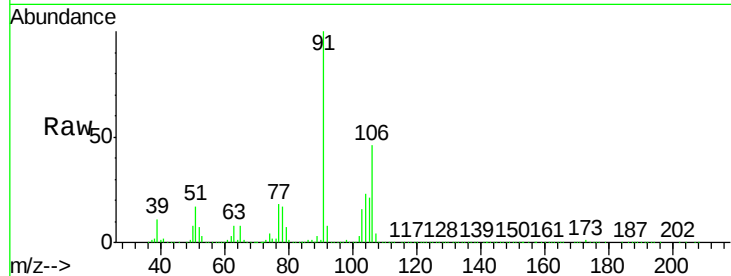
#69
o-Xylene
Concen: 49.98 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 296672
Ion Ratio Lower Upper
106 100
91 216.3 108.6 325.6

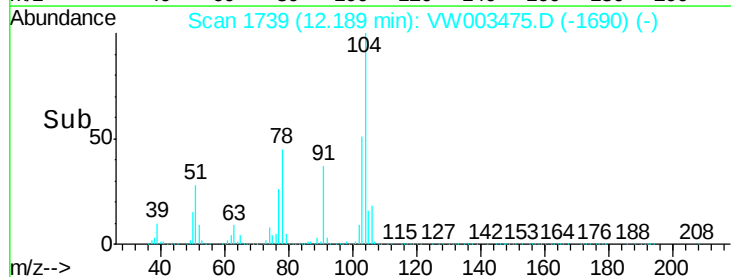
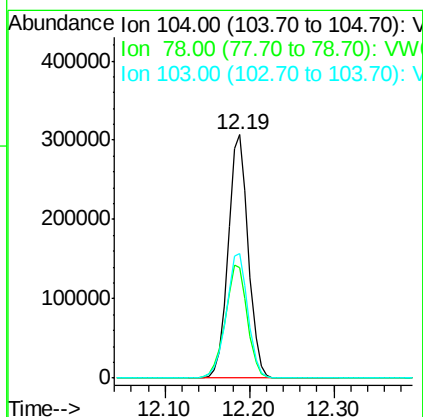
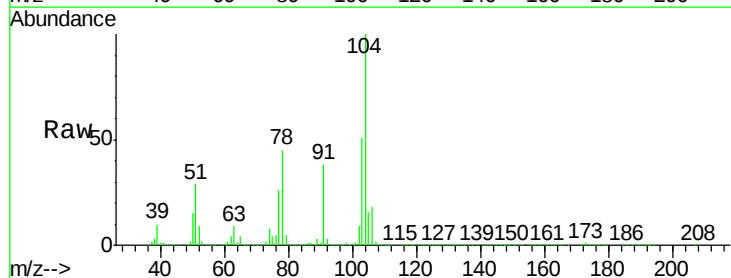
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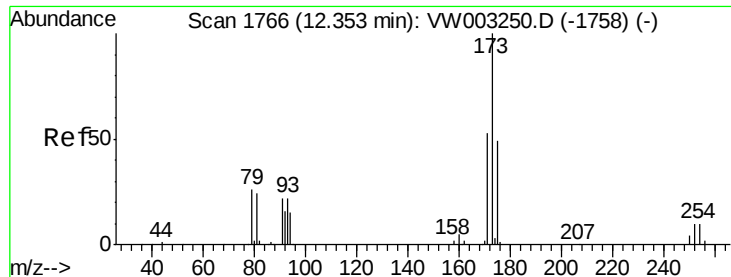
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#70
Styrene
Concen: 50.44 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion:104 Resp: 498423
Ion Ratio Lower Upper
104 100
78 50.9 41.3 61.9
103 55.2 45.0 67.4





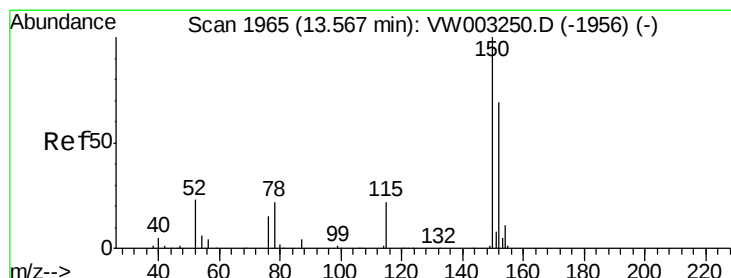
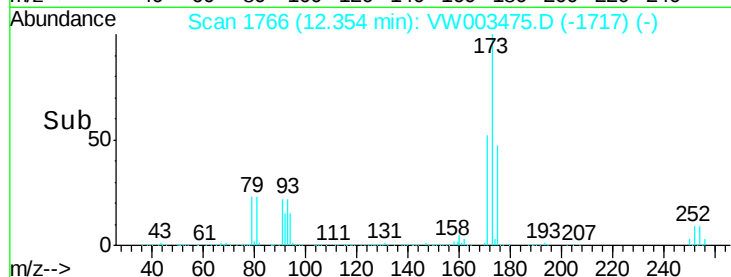
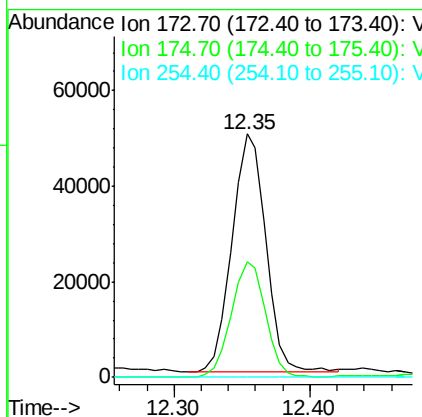
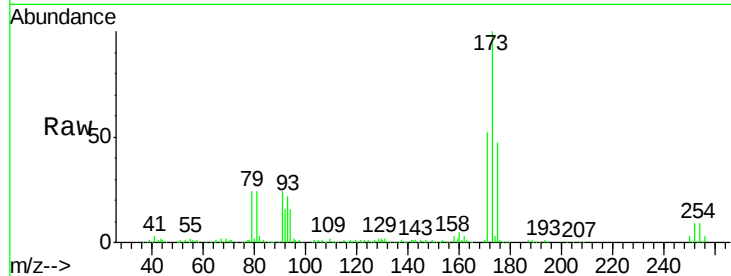
#71
Bromoform
Concen: 49.66 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.4
254	0.1	0.1	0.1

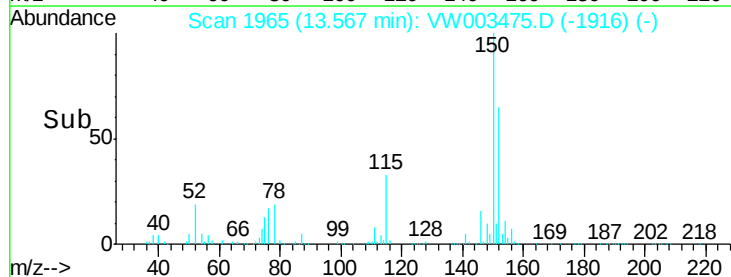
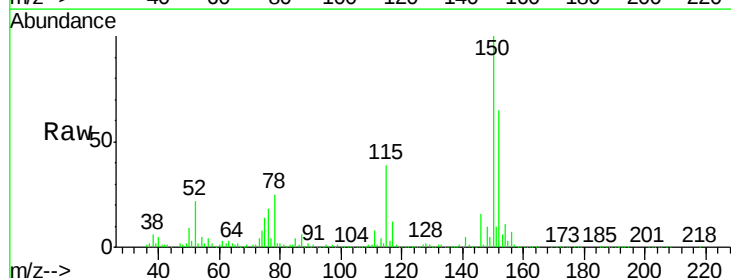
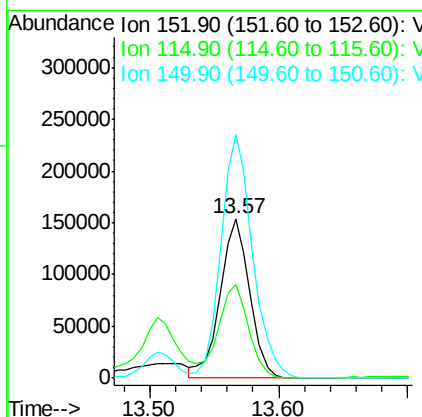
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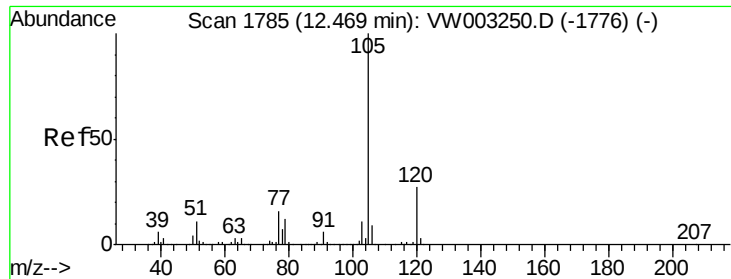
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.3	88.0
150	164.8	0.0	349.6





#73

Isopropylbenzene

Concen: 48.60 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 828375

Ion Ratio Lower Upper

105 100

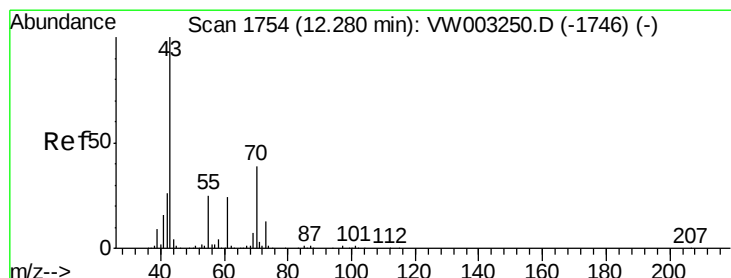
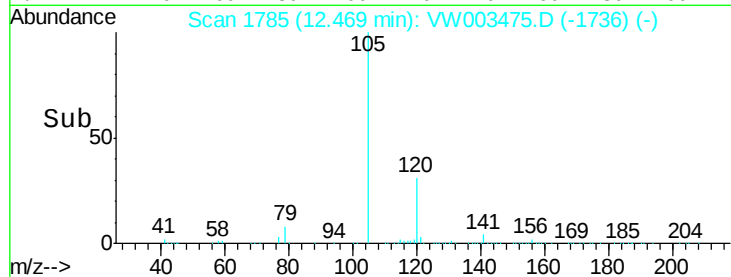
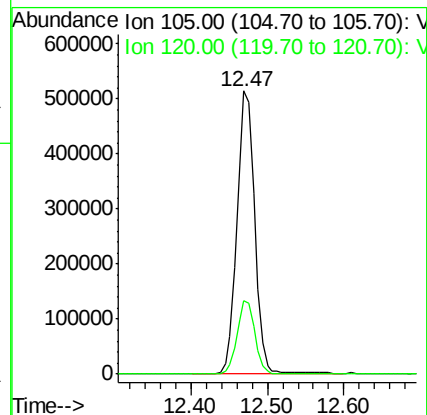
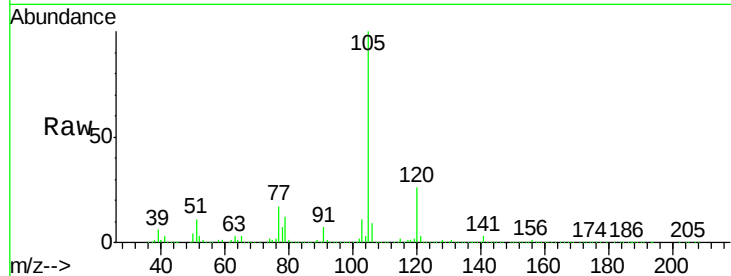
120 25.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 53.99 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion: 43 Resp: 209462

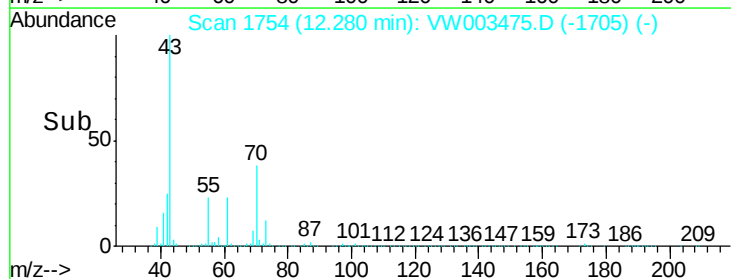
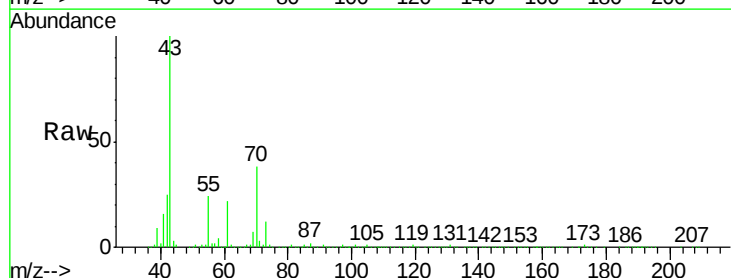
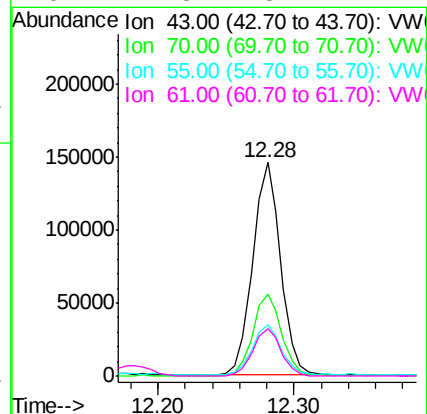
Ion Ratio Lower Upper

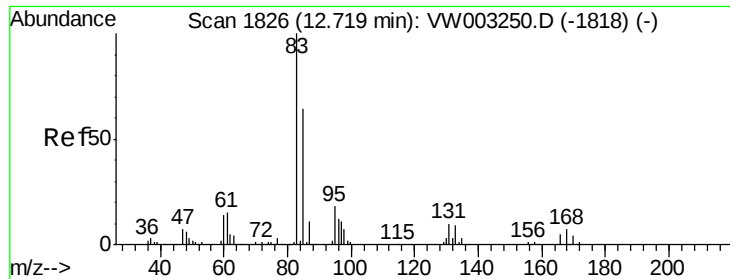
43 100

70 39.3 31.0 46.6

55 23.2 19.7 29.5

61 22.8 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 61.36 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

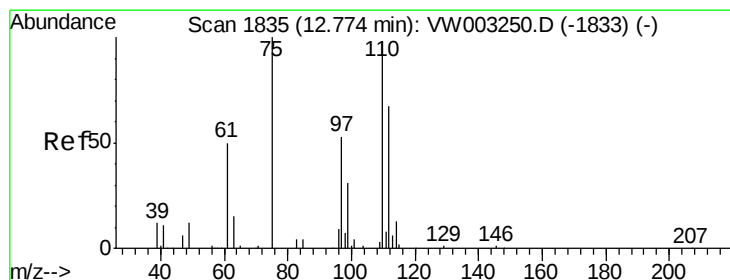
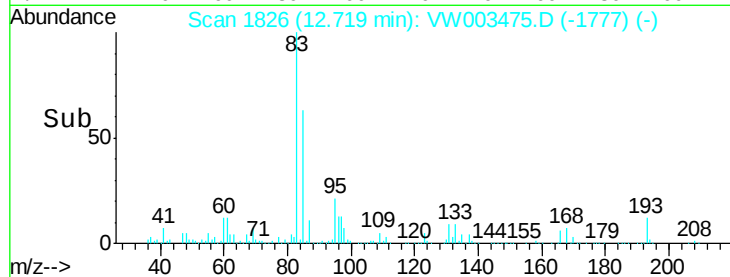
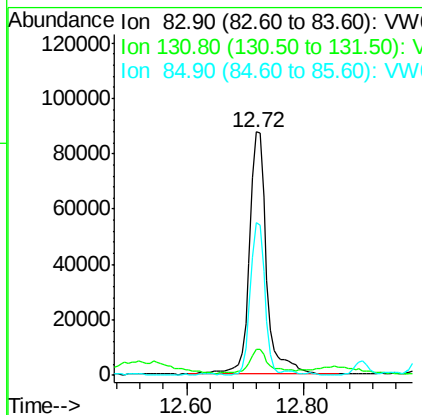
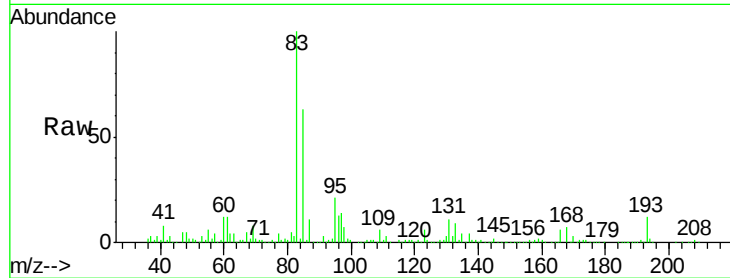
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	176942
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.4	16.2
85	52.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 48.58 ug/l m

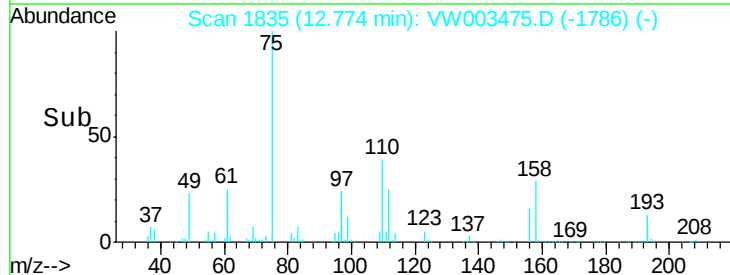
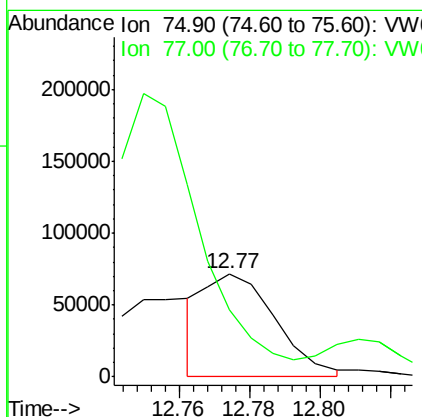
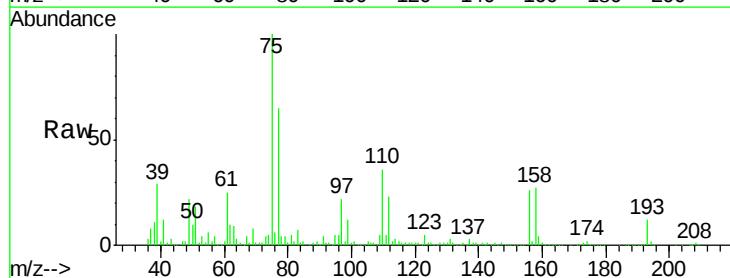
RT: 12.77 min Scan# 1835

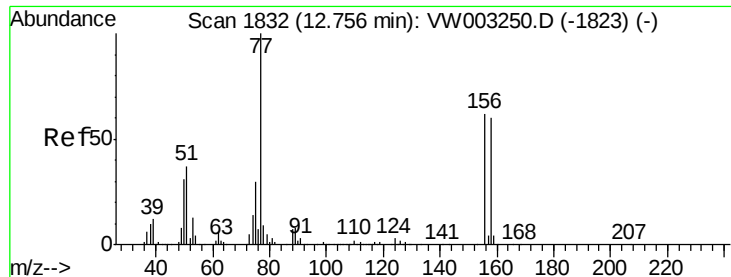
Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion:	75	Resp:	101769
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.41 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

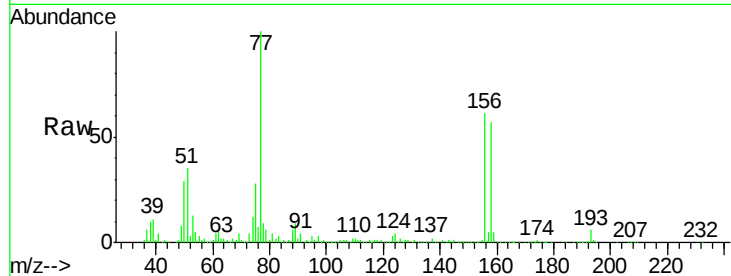
VSTDCCC050EC

Tot Ion:	156	Resp:	188180
Ion Ratio	Lower	Upper	
156	100		
77	189.3	92.3	276.9
158	97.4	47.5	142.6

Manual Integrations
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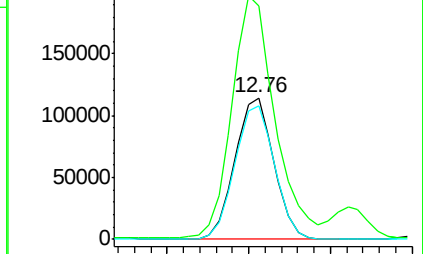
6/26/2018 10:57:28 AM



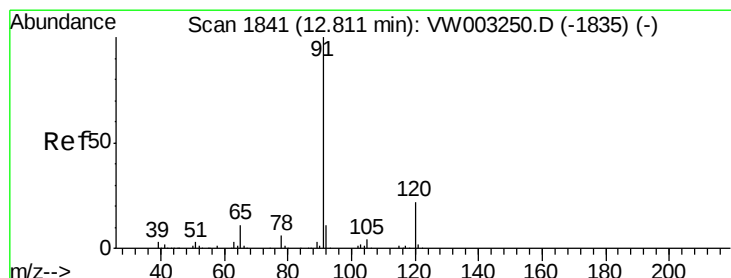
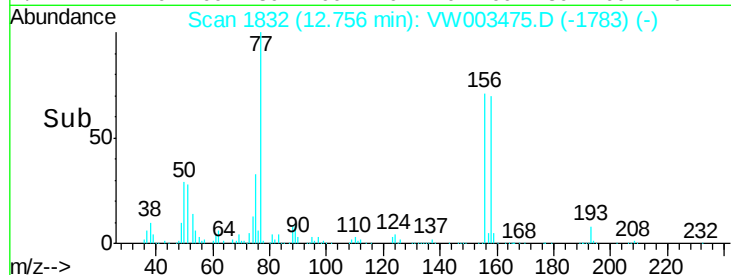
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 46.76 ug/l

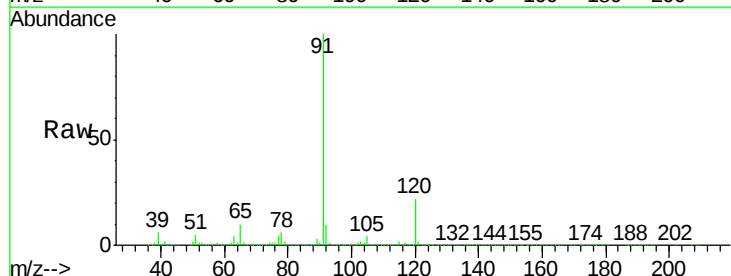
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003475.D

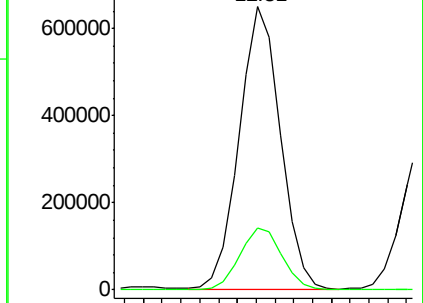
Acq: 23 Jun 2018 21:37

Tgt Ion:	91	Resp:	975997
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8

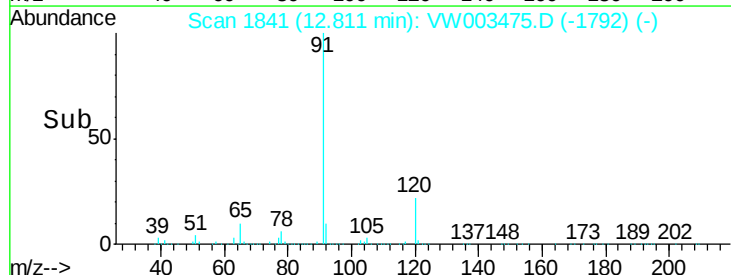


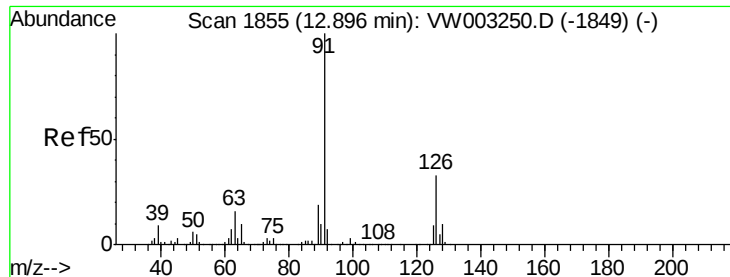
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



Time-->





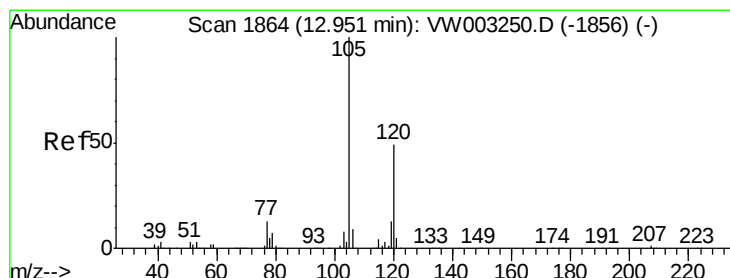
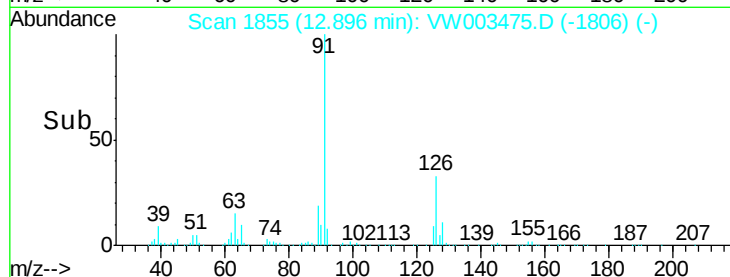
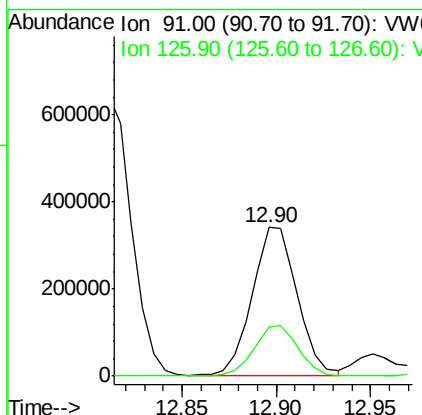
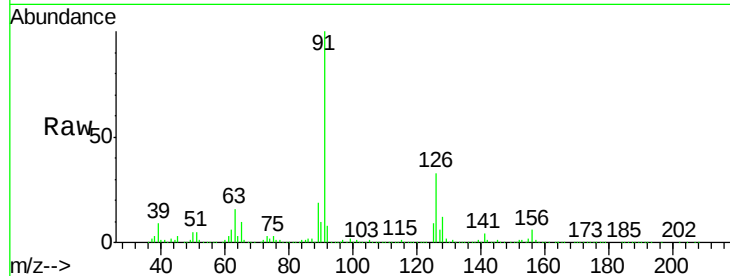
#79
 2-Chlorotoluene
 Concen: 47.57 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 561128
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.8 50.4

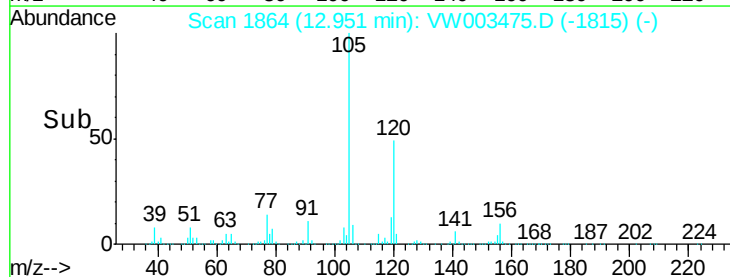
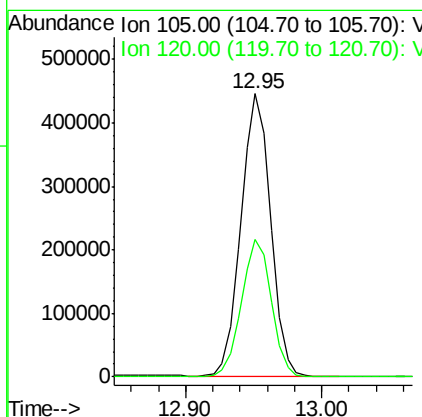
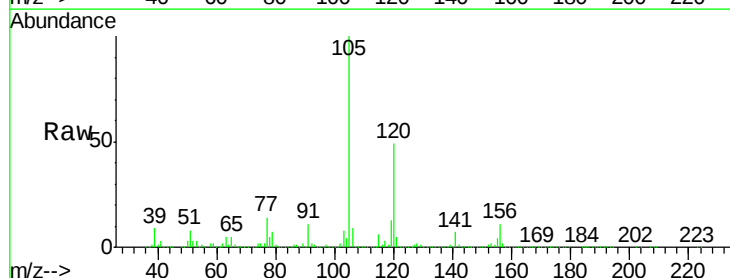
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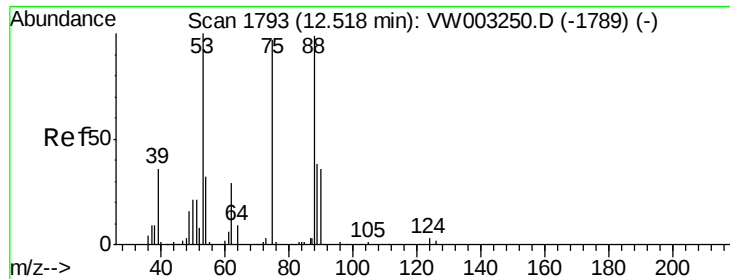
apatel
 6/26/2018 10:57:28 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 47.36 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion: 105 Resp: 677558
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.9





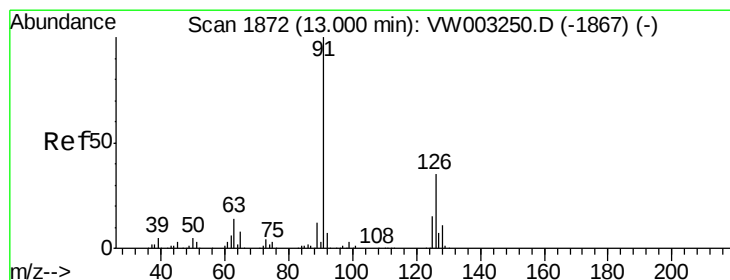
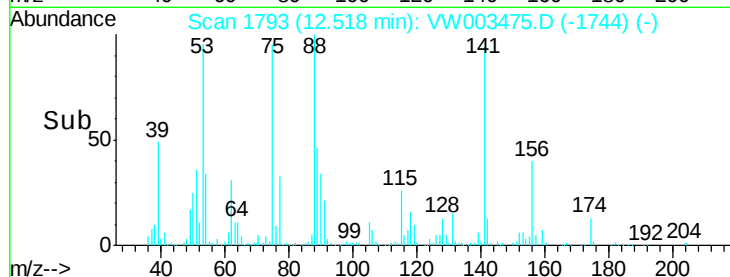
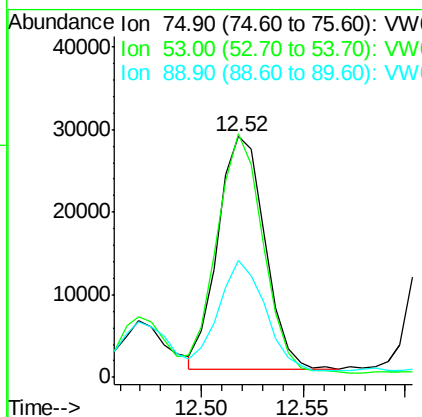
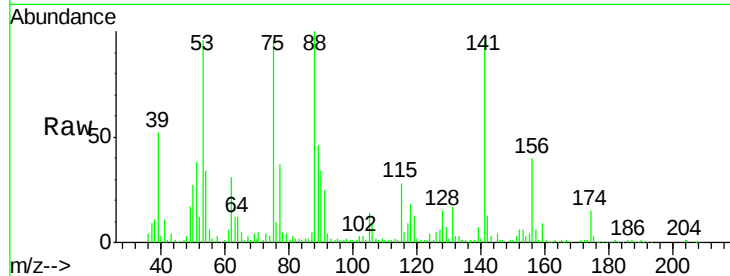
#81
trans-1,4-Dichloro-2-butene
Concen: 49.44 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.7	82.9	124.3
89	48.6	36.7	55.1

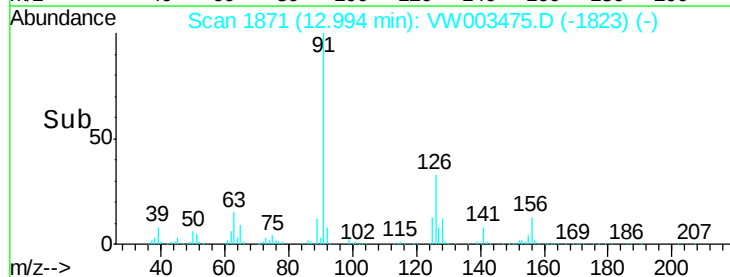
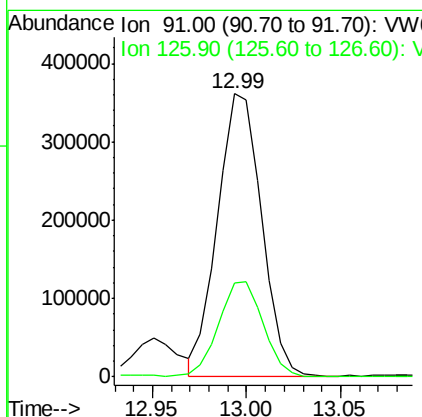
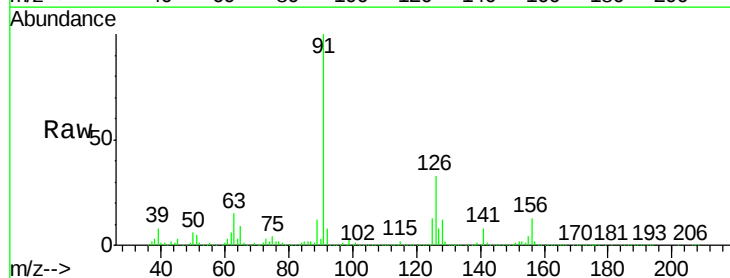
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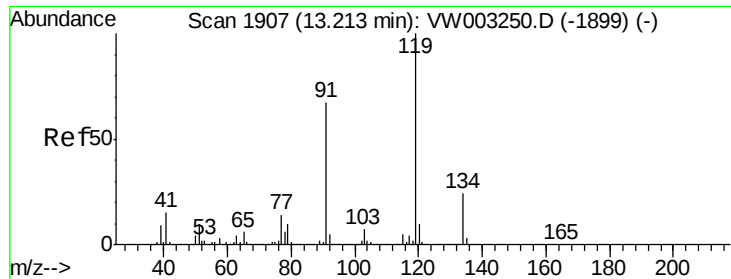
apatel
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#82
4-Chlorotoluene
Concen: 46.45 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.8	50.3





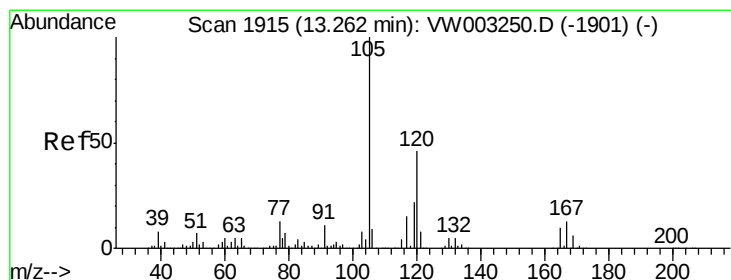
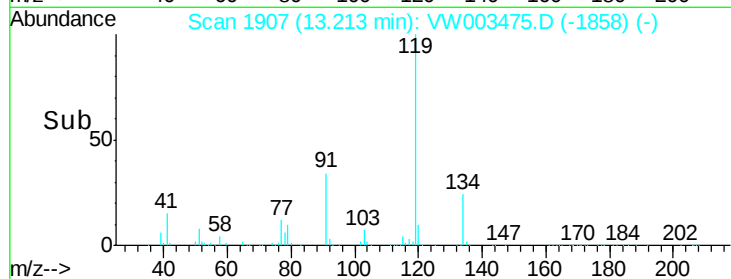
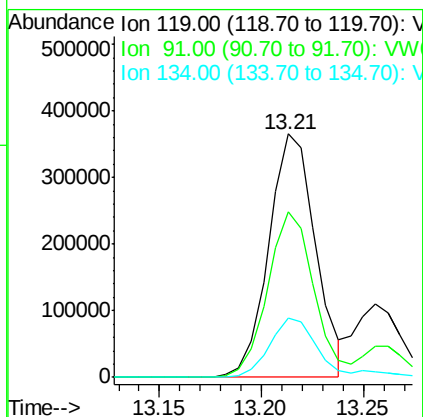
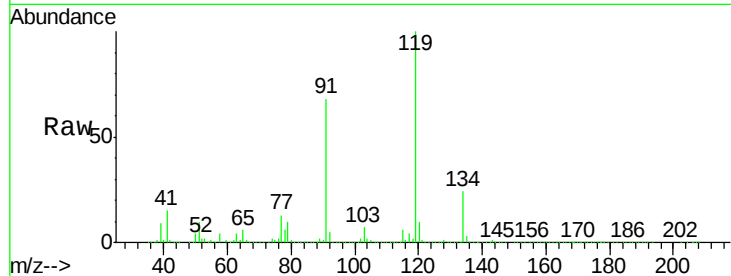
#83
 tert-Butylbenzene
 Concen: 47.66 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	581057		
91	67.3		33.9	101.7
134	26.3		13.4	40.1

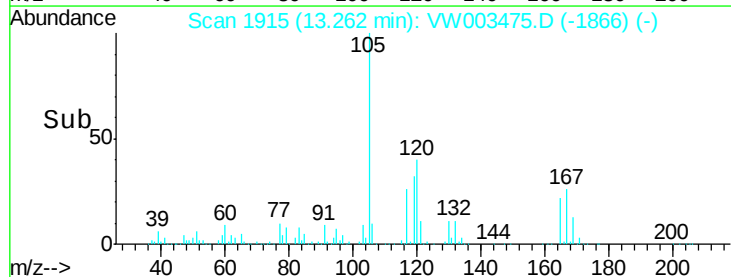
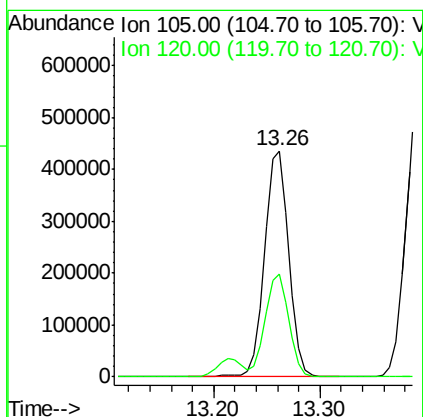
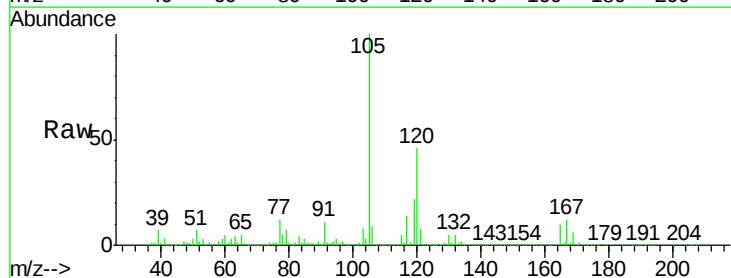
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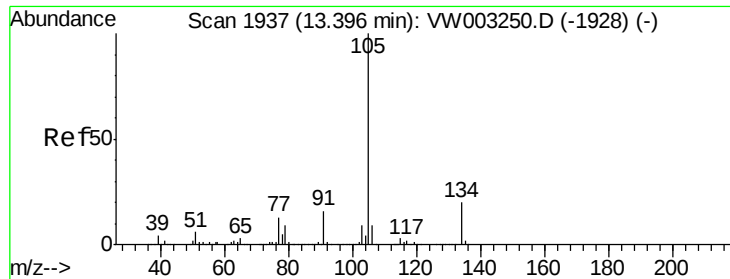
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.81 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	688967		
120	44.9		22.5	67.5





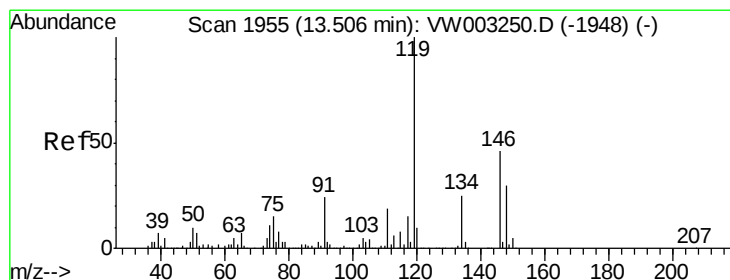
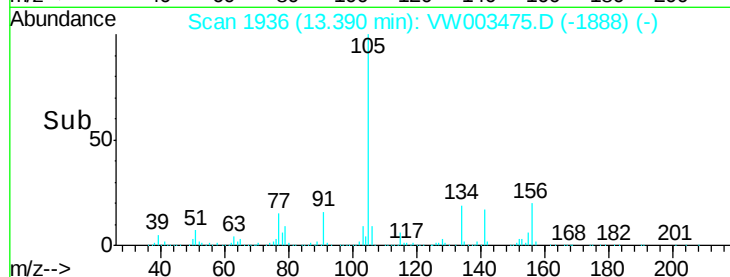
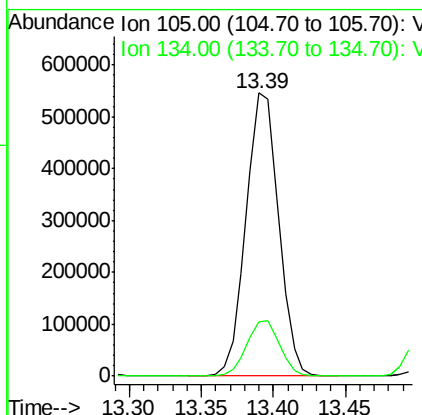
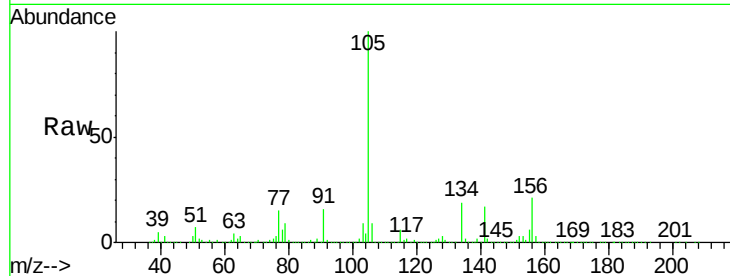
#85
 sec-Butylbenzene
 Concen: 47.00 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

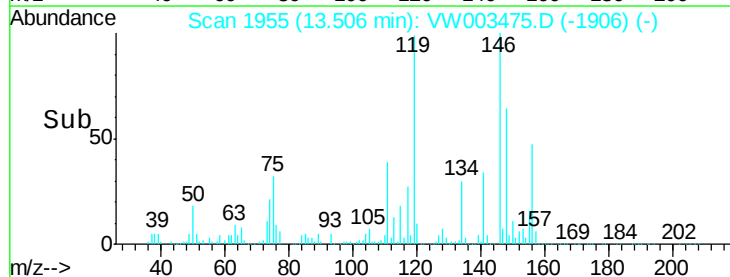
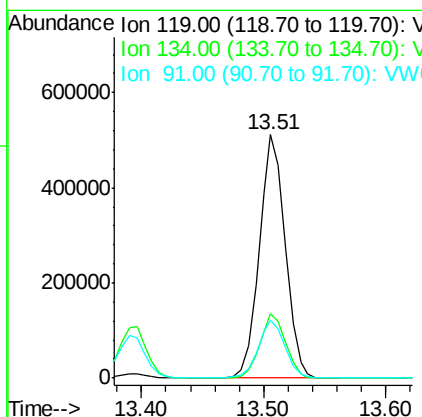
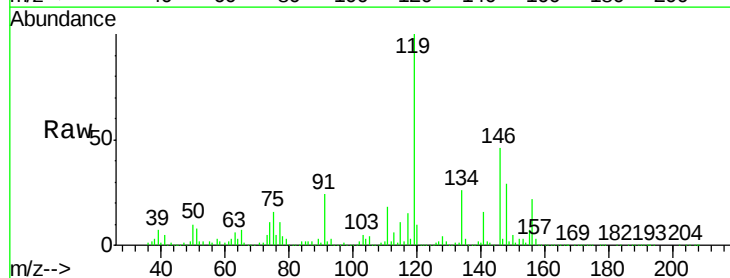
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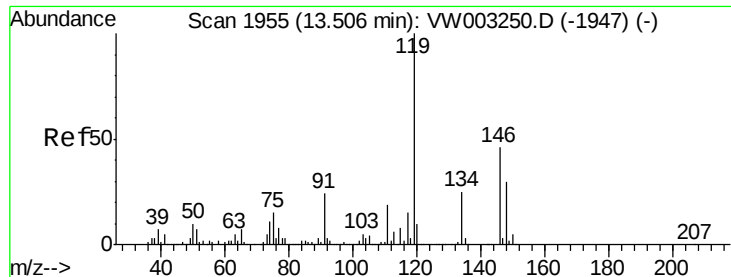
apatel
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#86
 p-Isopropyltoluene
 Concen: 46.98 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	24.5	11.8	35.3





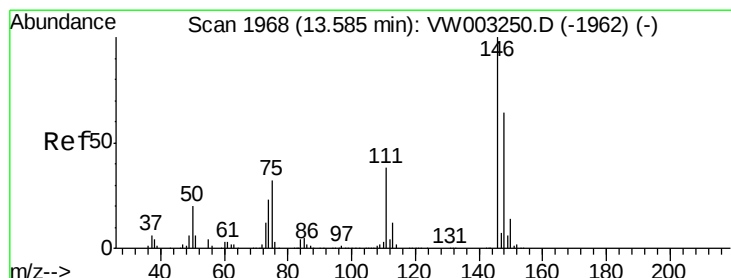
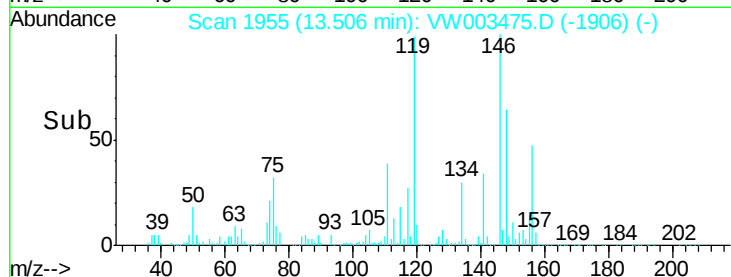
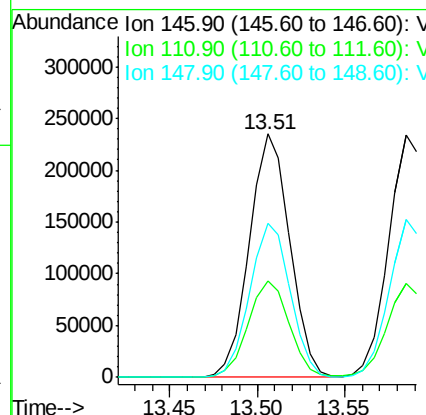
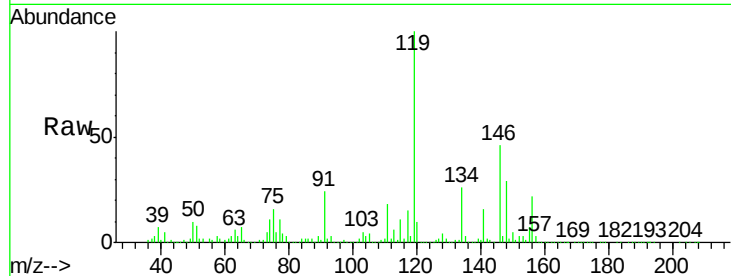
#87
 1,3-Dichlorobenzene
 Concen: 46.22 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	63.6	32.1	96.5

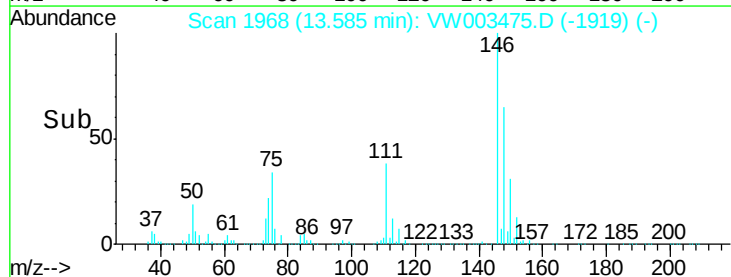
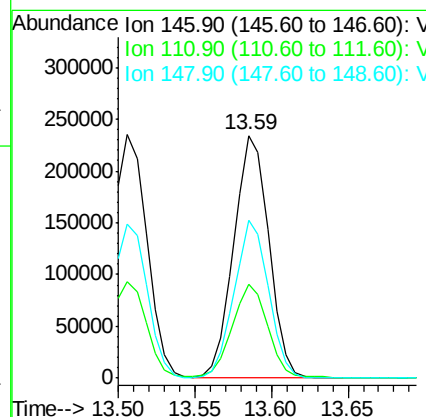
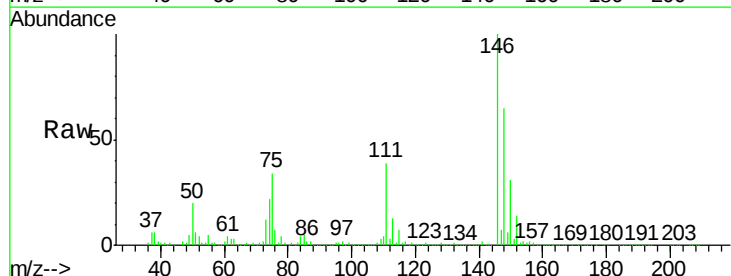
Manual Integrations
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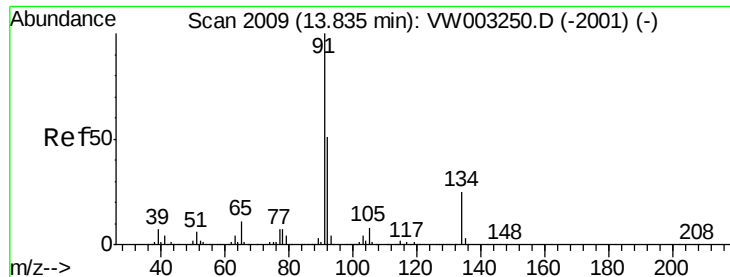
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#88
 1,4-Dichlorobenzene
 Concen: 45.95 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	63.6	31.8	95.4





#89

n-Butylbenzene

Concen: 46.56 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

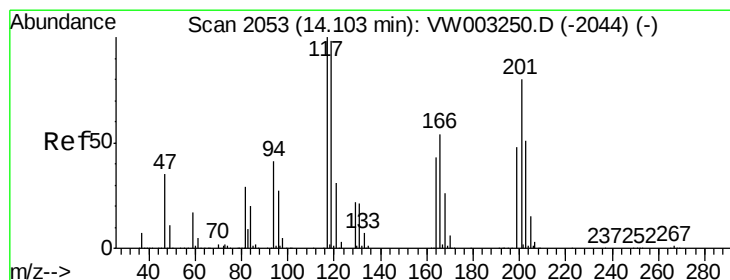
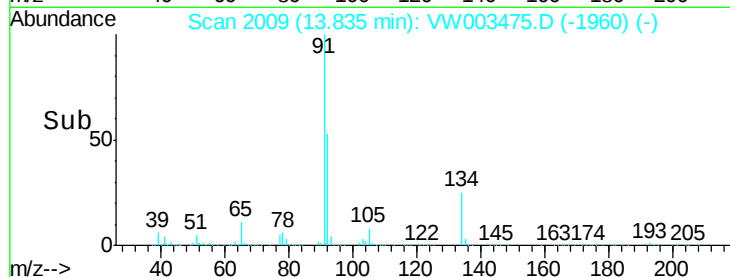
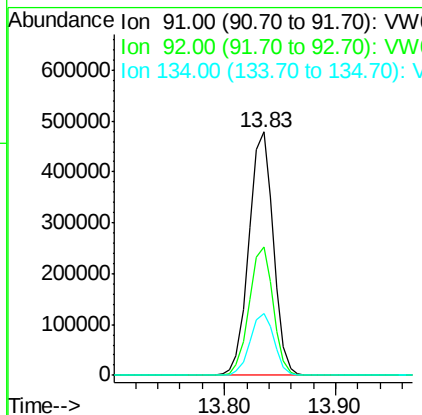
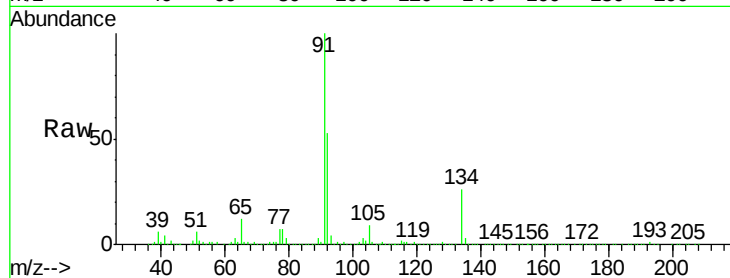
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	25.4	12.7	38.0

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#90

Hexachloroethane

Concen: 46.52 ug/l

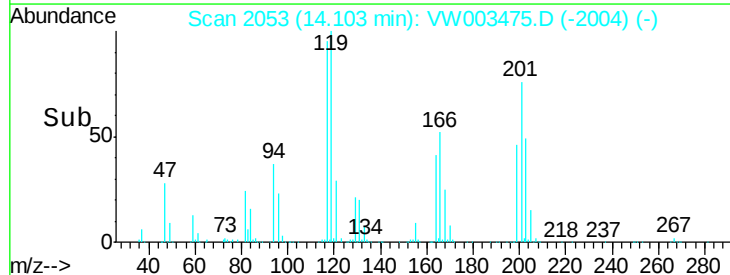
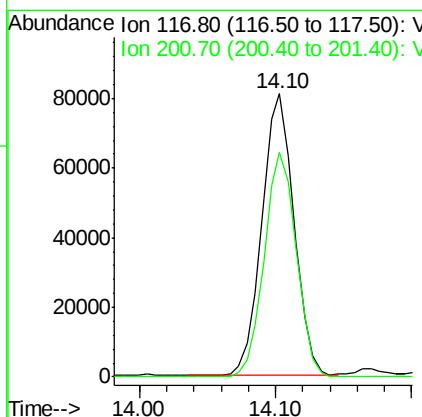
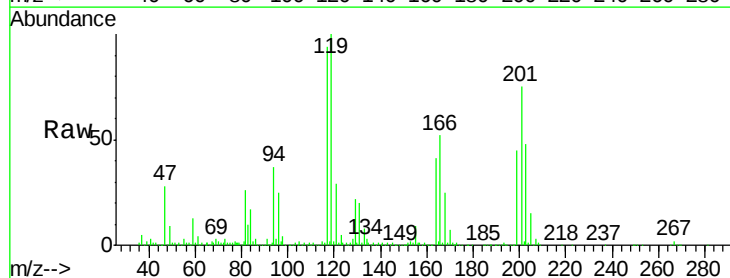
RT: 14.10 min Scan# 2053

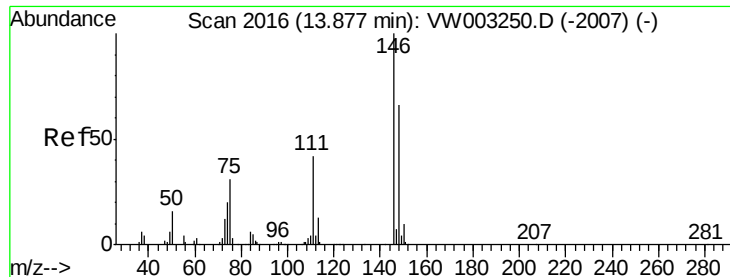
Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.4	39.5	118.5





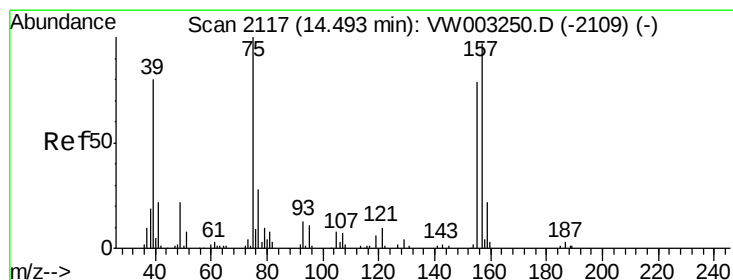
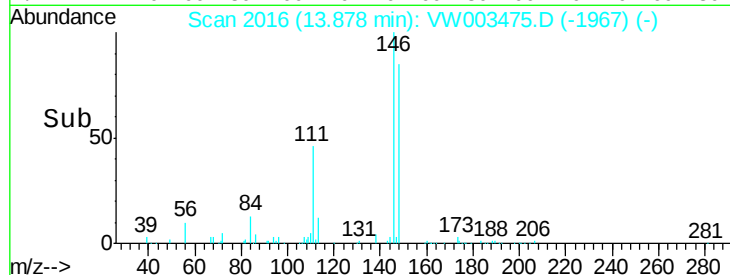
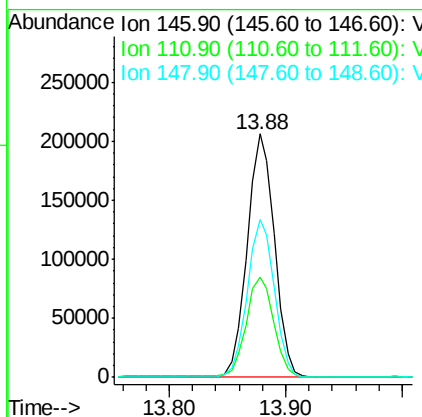
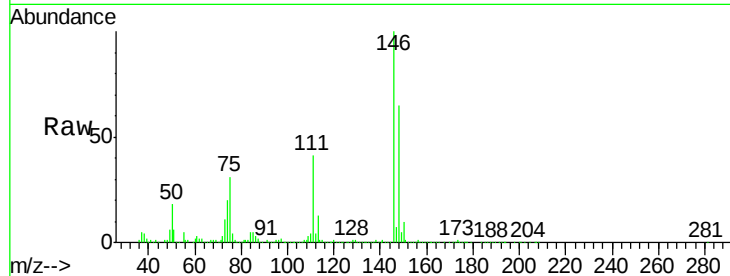
#91
 1,2-Dichlorobenzene
 Concen: 46.95 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.7	20.3	61.0	
148	64.7	32.3	96.9	

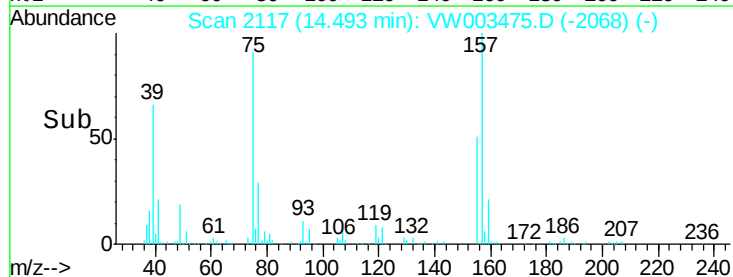
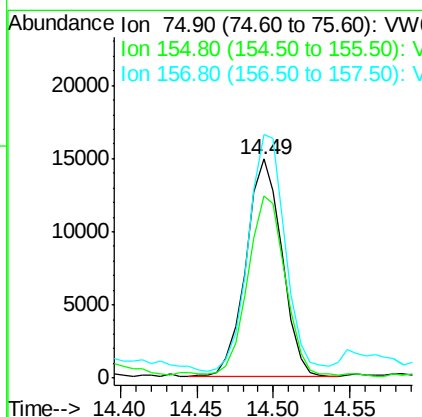
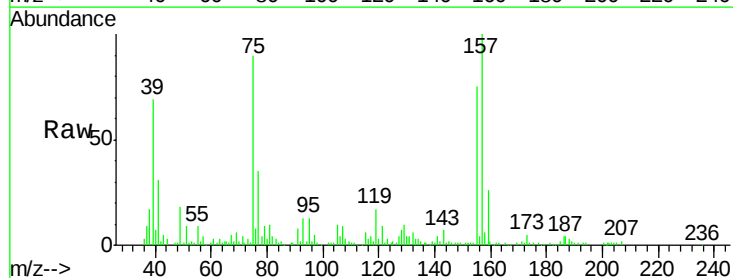
Manual Integrations
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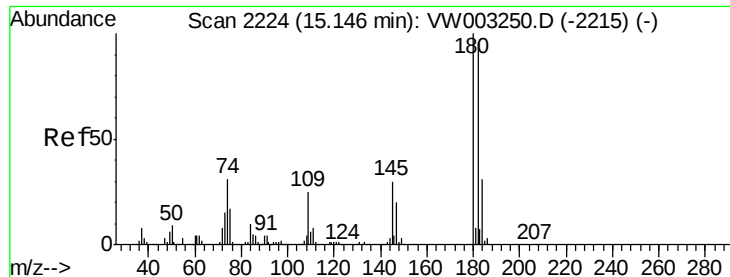
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.12 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.3	39.4	118.2	
157	111.8	51.5	154.5	





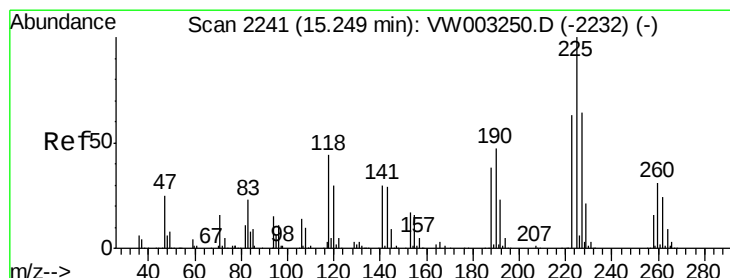
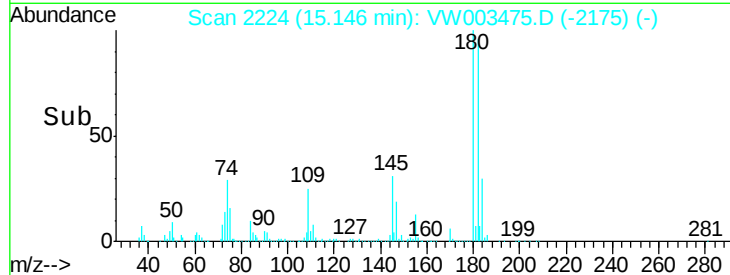
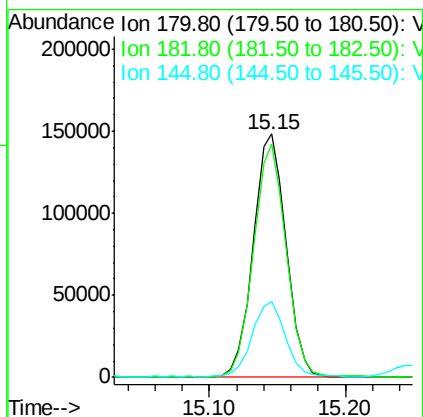
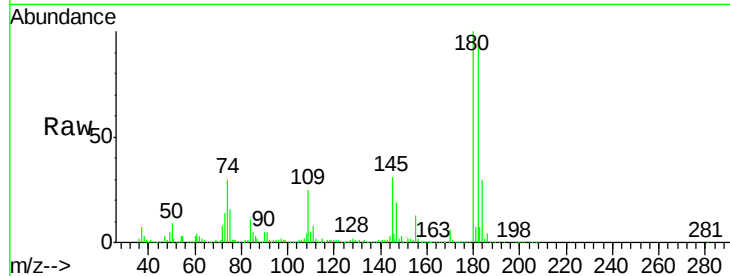
#93
 1,2,4-Trichlorobenzene
 Concen: 49.83 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	249903		
182	96.6	47.9	143.6	
145	31.3	15.2	45.5	

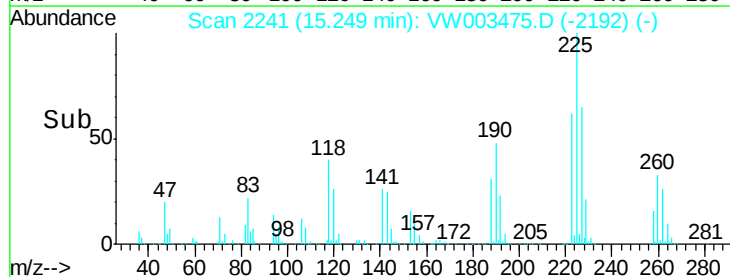
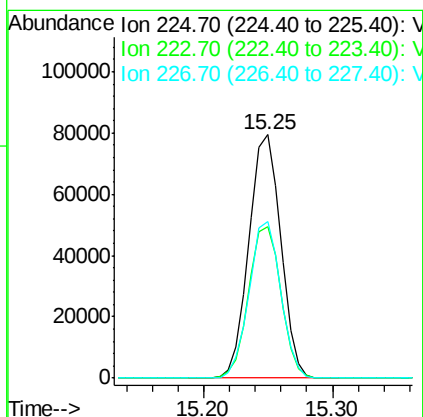
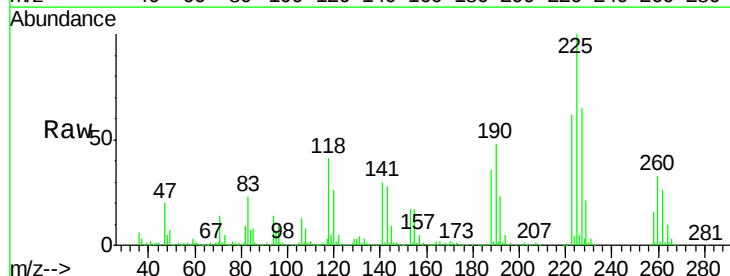
Manual Integrations
 APPROVED

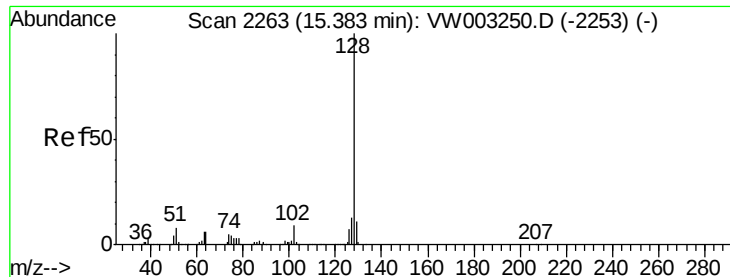
apatel
 6/26/2018 10:57:28 AM



#94
 Hexachlorobutadiene
 Concen: 44.95 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135593		
223	63.0	30.6	92.0	
227	63.8	31.7	95.1	





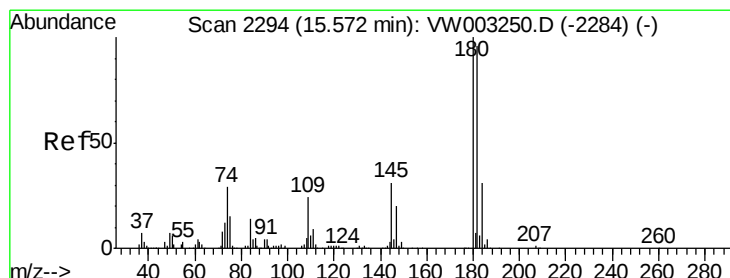
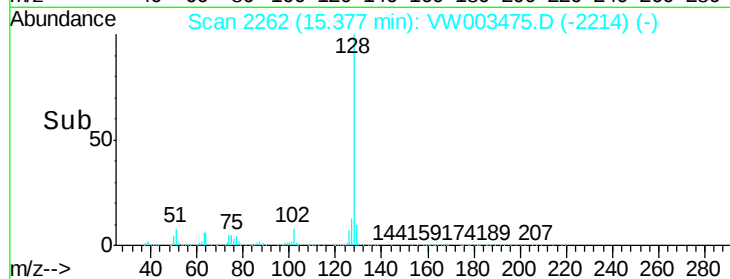
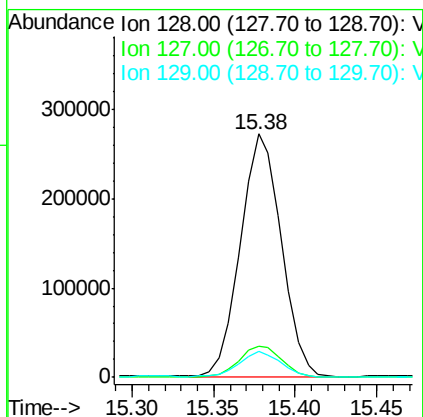
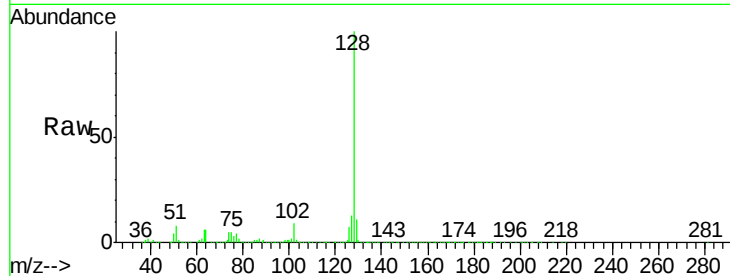
#95
Naphthalene
Concen: 55.61 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.7	8.9	13.3

Manual Integrations
APPROVED

apatel
6/26/2018 10:57:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.50 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	33.2	15.8	47.4

